Ohio Labor Market Information
BUREAU OF EMPLOYMENT SERVICES
JOB SERVICE OF OHIO
RICHARD F. CELESTE, *Governor*
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EMPLOYMENT, HOURS, AND EARNINGS IN OHIO
SEPTEMBER 1984

Summary: Ohio's seasonally adjusted unemployment rate fell to 9.2 percent in September 1984, from 9.8 percent in August. Actual unemployment was 451,000, or 8.7 percent of the work force, down from 482,000 and 9.2 percent in August. Total employment declined .5 percent in September, to 4,708,000, although the nonagricultural wage and salary sector rose 1.3 percent, to 4,229,000. Much of the increase occurred in local and state government education as the new school year began. Other nonmanufacturing industries making noteworthy contributions to the overall increase are private schools and retail trade.

Factory Employment: Manufacturers in Ohio employed 1,127,000 workers in September, fractionally more than in the previous month. Increased production in nonelectrical machinery, fabricated metals, foods, and plastics products accounted for most of the net gain. Manufacturers of motor vehicles reported a downturn in employment in September, due largely to temporary layoffs for model changeovers.

Nonmanufacturing Employment: Ohio's nonmanufacturing establishments employed nearly 3,103,000 workers in September 1984, up 1.5 percent from August. The advance occurred with the return to work of nonteaching school personnel in private as well as public schools and colleges. Increases in department stores and food stores boosted employment in retail trade.

Factory Hours and Earnings: Average weekly earnings of Ohio factory production workers rose $9.52 above the August level, to $464.88 in September. The workweek averaged 42.3 hours, up .6 hours from August. In durable goods, producers of motor vehicles, nonelectrical machinery and primary metals contributed substantially to the changes in both hours and earnings, as employers reported increased overtime hours at premium pay.

Over the Year: Ohio's unemployment rate (seasonally unadjusted) declined to 8.7 percent of the civilian labor force in September 1984, down from 11.1 percent in September 1983. The number of unemployed workers dropped by 116,000 during the period. Total employment advanced 3.7 percent, while nonagricultural wage and salary employment gained 1.7 percent. Growth in services, especially health and business services, accounted for more than half of the gain in nonmanufacturing. Substantial growth was also recorded in retail trade. Manufacturing employment rose 32,000 over the year, with the greatest improvements reported in the production of fabricated metals, nonelectrical machinery, transportation equipment, and rubber and miscellaneous plastics products. Weekly earnings for Ohio factory production workers rose $16.94 over the year. Their average workweek was extended by .2 hours.

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EMPLOYMENT, HOURS, AND EARNINGS IN MAJOR METROPOLITAN AREAS

Akron. --Nonagricultural wage and salary employment in Akron rose 5,600 from August, to 255,800 in September. Most of the gain occurred in nonmanufacturing, with seasonal increases in state and local government education overshadowing declines in services. Completion of retooling for production of auto parts helped raise manufacturing employment 600, to 68,000. Factory production workers earned $10.82 per hour in September, unchanged from August. Their average workweek, at 43.2 hours, was fractionally lower.

Canton. --Nonfarm payroll establishments in Canton employed 149,300 in September, up 1,300 from August. Increases in public school employment, retail trade, and services accounted for much of the rise. Scattered gains boosted factory employment 300, to 46,000. Production workers in manufacturing worked an average of 40.5 hours per week, up .4 hours from August. They grossed $10.76 per hour, down 4¢.

Cincinnati. --Cincinnati's nonagricultural wage and salary employment, at 590,900 in September, was up 2,700 from August despite a sizable loss in manufacturing. Seasonal increases in local government education and retail trade raised nonmanufacturing employment by 5,000. Cutbacks in motor vehicles and equipment for retooling were primarily responsible for lowering manufacturing employment 2,700, to 143,300. Manufacturing production workers averaged $10.53 per hour for a workweek of 42.4 hours in September, down 4¢ and up .7 hours respectively, from August.

Cleveland. --Nonagricultural payroll employment in Cleveland increased 2,200 from August, to 833,600 in September. In nonmanufacturing industries, gains in local government education, services, and retail trade were somewhat negated by a large drop in nonschool local government employment. Increases in motor vehicles and equipment, metal forgings and stampings, and nonelectrical machinery raised manufacturing employment 1,300, to 210,200. Factory production workers increased their average hourly earnings 10¢ in September, to $10.91. Their workweek of 41.9 hours was .4 hours above the August level.

Columbus. --Nonfarm wage and salary employment in Columbus, at 518,400 in September, was up 4,600 from August. Seasonal gains in public and private schools and colleges accounted for most of the increase. Scattered increases in durable-goods industries raised manufacturing employment 600, to 89,400. Manufacturing production workers earned $10.39 per hour in September, up 10¢ from August. Their average workweek of 40.8 hours was little changed.

Dayton. --September nonagricultural wage and salary employment in Dayton increased 6,500 from August, to 350,100. Most of the gain occurred in nonmanufacturing industries due chiefly to seasonal upturns in local government education, private schools, and retail trade. Increases in nonelectrical machinery, transportation equipment, and rubber and miscellaneous plastics products helped raise manufacturing employment 1,100, to 92,700. Production workers in factories grossed $11.22 per hour in September, up 4¢ from August. They had an average workweek of 43.0 hours, up .5 hours.

Toledo. --Nonagricultural establishments in Toledo employed 295,500 in September, up 7,800 from August. An increase in construction, along with seasonal increases in state and local government education, accounted for much of the growth. Gains in nondurable goods, especially in food processing and rubber and plastics products, boosted manufacturing employment 1,400 in September, to 77,100. The average hourly earnings of manufacturing production workers increased 9¢ from August, to $11.75. The average workweek, at 43.9 hours, was up .6 hours.

Youngstown-Warren. --Nonfarm payroll employment in Youngstown-Warren increased 3,800 from August, to 184,400 in September. Seasonal gains in local government schools and in services were largely responsible for the increase. Manufacturing employment was up 700, to 55,200, due to increased employment in primary metal industries. Factory production workers averaged $12.88 per hour in September, up 21¢. Their average workweek was up 1.4 hours, to 43.7 hours.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216 10-23-84

EMPLOYMENT IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown–Warren[j]
	NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT (in thousands)							
1973	255.1	147.9	534.5	865.2	451.0	335.6	285.8	211.6
1974	259.0	152.1	542.2	879.2	457.6	334.9	285.6	213.5
1975	248.4	145.0	531.2	850.6	445.4	321.4	275.5	200.7
1976	247.3	145.9	541.9	860.0	456.1	331.5	282.6	213.5
1977	253.7	149.8	562.1	880.9	471.6	343.1	292.1	208.0
1978	266.6	156.1	591.2	905.8	493.8	358.5	302.1	210.3
1979	270.9	160.7	607.4	919.8	507.3	364.9	306.0	213.9
1980	262.4	157.1	600.6	895.6	504.8	355.7	293.1	203.1
1981	259.6	156.6	592.2	880.7	506.6	352.5	290.9	198.7
1982	248.8	148.6	575.3	844.6	495.1	336.3	281.9	180.6
1983	245.0	143.6	573.7	826.0	500.0	335.4	281.0	177.6
1983								
September	251.3	146.1	580.8	834.9	504.9	340.7	287.3	182.3
October .	250.3	145.9	584.0	835.5	512.6	342.1	289.6	181.3
November.	251.4	146.7	585.5	835.7	514.7	343.9	291.1	182.0
December.	250.9	146.7	583.8	837.9	515.7	344.3	291.1	182.1
1984								
January .	243.2	143.3	573.1	819.0	503.8	339.3	284.3	176.4
February.	245.4	143.8	572.2	817.5	505.9	339.8	286.4	178.4
March ...	246.4	145.0	576.7	821.2	509.1	341.2	288.2	179.0
April ...	249.7	146.8	584.2	825.8	514.0	343.8	291.5	181.0
May	253.2	147.8	590.0	831.1	516.7	344.5	294.3	183.1
June	249.9	148.6	595.5	838.6	523.5	346.4	291.3	182.7
July	250.6	147.9	588.4	834.0	512.2	342.9	287.4	181.7
August ..	250.2	148.0	588.2	831.4	513.8	343.6	287.7	180.5
September	255.8	149.3	591.0	833.6	518.4	350.1	295.5	184.4
	MANUFACTURING EMPLOYMENT (in thousands)							
1973	94.0	61.7	165.5	288.1	106.0	117.7	93.4	93.0
1974	94.2	62.2	166.6	287.1	104.3	113.1	89.8	92.0
1975	84.5	55.3	153.9	260.3	93.1	100.1	80.7	80.8
1976	80.3	54.8	155.6	265.1	94.2	104.0	84.8	80.6
1977	85.6	56.0	161.1	270.8	98.9	109.2	88.2	81.1
1978	85.9	57.1	169.2	275.6	101.2	112.0	90.5	77.4
1979	85.6	59.1	173.1	276.3	104.1	109.5	88.6	73.9
1980	79.1	55.7	162.4	254.9	96.8	99.4	75.4	70.8
1981	75.7	54.8	157.3	246.8	93.1	97.8	74.6	67.3
1982	68.3	47.6	146.3	223.0	85.9	87.6	69.0	52.9
1983	65.1	43.6	140.7	207.6	84.0	86.2	69.1	53.0
1983								
September	66.0	44.6	141.4	209.9	85.3	88.6	72.7	55.2
October .	66.1	44.2	144.2	210.9	86.6	88.7	73.2	54.9
November.	66.4	44.8	144.8	211.6	86.8	89.8	73.9	55.2
December.	66.2	44.9	141.7	212.1	86.2	90.2	74.0	55.6
1984								
January .	66.1	44.7	143.2	211.6	86.2	90.4	74.6	55.8
February.	66.5	44.9	143.3	211.2	87.0	90.9	75.5	55.6
March ...	66.7	45.5	144.1	211.6	87.0	91.1	75.7	55.4
April ...	67.0	45.4	144.6	210.6	87.4	91.4	75.8	55.8
May	67.5	45.3	145.0	210.9	87.2	91.2	75.7	55.8
June	67.9	45.3	145.9	211.6	88.4	91.4	75.5	55.6
July	67.8	45.4	145.6	209.4	88.3	91.3	75.0	55.6
August ..	67.4	45.7	146.0	208.9	88.7	91.6	75.7	54.5
September	68.0	46.0	143.3	210.2	89.4	92.7	77.1	55.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown–Warren includes Mahoning and Trumbull Counties.

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Columbus 43216

MANUFACTURING PRODUCTION WORKERS AND AVERAGE WEEKLY HOURS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS (in thousands)							
1973	55.5	46.3	115.2	200.4	74.1	85.0	66.5	75.6
1974	56.1	46.9	115.3	199.5	71.2	79.5	63.1	74.2
1975	48.4	40.5	106.3	176.0	64.2	70.9	55.1	69.3
1976	44.5	40.4	107.8	180.9	65.4	73.4	59.3	63.3
1977	49.2	41.1	110.7	184.0	68.6	75.7	62.8	63.6
1978	49.4	42.2	116.4	188.0	70.1	77.5	64.1	62.5
1979	53.8	43.2	117.0	188.6	69.1	74.4	61.7	62.5
1980	47.5	40.1	106.6	169.2	64.6	65.5	49.6	54.1
1981	43.7	39.6	103.5	161.8	61.3	64.4	49.2	50.8
1982	36.9	33.3	95.5	141.8	55.1	55.6	45.2	38.1
1983	35.6	30.8	92.2	132.1	54.2	54.9	47.2	39.3
1983								
September	36.4	31.6	93.1	134.8	55.5	57.0	50.9	41.7
October .	36.5	31.4	95.9	135.8	56.7	57.4	51.6	41.5
November.	37.0	31.9	96.8	136.7	56.8	58.3	52.5	41.8
December.	36.8	32.1	93.8	137.0	56.6	58.7	52.7	42.2
1984								
January .	36.8	31.7	95.4	136.5	56.8	58.8	53.3	42.3
February.	37.1	31.8	95.5	136.3	57.4	59.3	54.2	42.2
March ...	37.1	32.4	96.3	136.7	57.3	59.3	54.4	42.1
April ...	37.4	32.4	96.5	135.6	57.7	59.7	54.6	42.4
May	37.7	32.3	96.5	135.7	57.5	59.4	54.5	42.4
June	37.8	32.3	97.3	136.3	58.6	59.5	54.3	42.2
July	37.6	32.3	96.6	134.2	58.3	59.0	53.7	42.2
August ..	37.3	32.7	97.5	133.6	58.8	59.2	54.2	41.2
September	38.0	33.0	94.8	135.4	59.4	60.3	55.7	42.0
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY HOURS							
1973	43.0	41.0	42.2	43.2	40.8	43.3	43.1	42.9
1974	42.3	40.1	41.4	42.1	39.7	41.0	41.2	40.7
1975	41.1	39.4	40.8	40.4	39.6	41.3	40.4	38.6
1976	42.1	39.6	41.1	41.9	40.1	43.2	41.5	39.5
1977	42.3	39.7	41.6	42.8	40.3	43.5	42.7	40.4
1978	42.3	40.3	42.1	42.9	40.4	42.8	42.4	41.4
1979	41.6	40.9	41.5	42.2	40.1	42.1	40.9	40.7
1980	41.5	39.0	41.2	40.6	39.5	41.5	40.6	39.9
1981	41.8	40.0	41.1	41.1	40.0	41.4	40.9	40.8
1982	41.0	38.6	40.5	39.9	39.8	40.0	41.1	39.3
1983	43.1	39.6	41.1	40.9	40.7	41.9	42.9	42.1
1983								
September	43.5	40.8	41.3	41.7	40.8	43.0	43.9	42.4
October ..	43.2	40.2	41.3	41.5	41.0	42.7	43.9	43.9
November.	44.0	40.7	42.0	41.8	41.6	42.8	44.5	43.6
December.	45.5	40.8	42.4	42.3	42.3	43.9	44.5	43.2
1984								
January .	43.9	40.4	41.7	41.9	41.2	43.2	43.1	44.7
February.	43.9	41.0	41.5	42.2	40.4	42.8	43.5	43.8
March ...	43.7	40.8	41.8	42.3	40.4	42.8	43.8	44.9
April ...	43.8	40.5	42.1	42.3	40.5	43.0	43.7	43.5
May	43.4	40.6	41.6	42.0	40.5	42.3	43.7	43.3
June	43.8	40.3	41.6	42.0	40.7	42.3	43.3	42.9
July	43.3	40.6	41.1	41.1	40.6	42.9	43.0	44.2
August ..	43.3	40.1	41.7	41.5	40.9	40.5	43.3	42.3
September	43.2	40.5	42.4	41.9	40.8	43.0	43.9	43.7

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. [b]Akron includes Portage and Summit Counties. [c]Canton includes Carroll and Stark Counties. [d]Cincinnati includes Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. [e]Cleveland includes Cuyahoga, Geauga, Lake, and Medina Counties. [f]Columbus includes Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Dayton includes Greene, Miami, Montgomery, and Preble Counties. [h]Toledo includes Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [j]Youngstown-Warren includes Mahoning and Trumbull Counties. [k]Not comparable to prior data due to change in sample composition.

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EARNINGS IN MAJOR METROPOLITAN AREAS[a]

Year and Month	Akron[b]	Canton[c]	Cincinnati[d]	Cleveland[e]	Columbus[f]	Dayton[g]	Toledo[h]	Youngstown-Warren[j]
	MANUFACTURING PRODUCTION WORKERS' AVERAGE HOURLY EARNINGS							
1973	$ 4.99	$ 4.80	$ 4.44	$ 4.83	$ 4.36	$ 5.00	$ 5.01	$ 5.29
1974	5.28	5.24	4.82	5.21	4.73	5.29	5.39	5.80
1975	5.66	5.64	5.19	5.63	5.18	5.73	5.80	6.39
1976	6.02	6.18	5.65	6.22	5.64	6.28	6.32	7.02
1977	6.75	6.88	6.27	6.84	6.08	6.92	7.00	7.76
1978	7.19	7.56	6.81	7.50	6.55	7.38	7.53	8.54
1979	7.73	8.09	7.31	8.00	7.05	8.00	8.14	9.27
1980	8.72	8.79	8.06	8.63	7.73	8.65	8.90	10.27
1981	9.50	9.76	8.78	9.62	8.67	9.61	9.93	11.62
1982	9.83	10.22	9.57	10.10	9.31	10.02	10.89	11.72
1983	10.49	10.66	10.11	10.45	9.97	10.61	11.28	12.38
1983								
September	10.61	10.84	10.10	10.57	10.06	10.80	11.40	12.40
October .	10.82	10.78	10.23	10.55	10.11	10.86	11.43	12.58
November.	10.85	10.84	10.34	10.62	10.14	10.91	11.57	12.54
December.	11.01	10.88	10.29	10.68	10.35	11.11	11.57	12.68
1984								
January .	10.77	10.85	10.39	10.70	10.33	11.07	11.42	12.89
February.	10.75	10.91	10.37	10.76	10.23	11.04	11.48	12.66
March ...	10.79	10.89	10.45	10.81	10.20	11.12	11.58	13.09
April ...	10.76	10.90	10.58	10.82	10.22	11.12	11.58	12.88
May	10.82	11.04	10.50	10.83	10.30	11.03	11.57	12.86
June	10.87	10.99	10.51	10.82	10.26	11.09	11.66	12.85
July	10.73	10.88	10.48	10.68	10.21	11.23	11.59	13.09
August ..	10.82	10.80	10.57	10.81	10.29	11.18	11.66	12.67
September	10.82	10.76	10.53	10.91	10.39	11.22	11.75	12.88
	MANUFACTURING PRODUCTION WORKERS' AVERAGE WEEKLY EARNINGS							
1973	$214.57	$196.80	$187.37	$208.66	$177.89	$216.50	$215.93	$226.94
1974	223.34	210.12	199.55	219.34	187.78	216.89	222.07	236.06
1975	232.63	222.22	211.75	227.45	205.13	236.65	234.32	246.65
1976	253.44	244.73	232.22	260.62	226.16	271.30	262.28	277.29
1977	285.53	273.14	260.83	292.75	245.02	301.02	298.90	313.50
1978	304.14	304.67	286.70	321.75	264.62	315.86	319.27	353.56
1979	321.57	330.88	303.37	337.60	28-.71	336.80	332.93	377.29
1980	361.88	342.81	332.07	350.38	305.34	358.98	361.34	409.77
1981	397.10	390.40	360.86	395.38	346.80	397.85	406.14	474.10
1982	403.03	394.49	387.59	402.99	370.54	400.80	447.58	460.60
1983	452.12	422.14	415.52	427.41	405.78	444.56	483.91	521.20
1983								
September	461.54	442.27	417.13	440.77	410.45	464.40	500.46	525.76
October .	467.42	433.36	422.50	437.83	414.51	463.72	501.78	552.26
November.	477.40	441.19	434.28	443.92	421.82	466.95	514.87	546.74
December.	500.96	443.90	436.30	451.76	437.81	487.73	514.87	547.78
1984								
January .	472.80	438.34	433.26	448.33	425.60	478.22	492.20	576.18
February.	471.93	447.31	430.36	454.07	413.29	472.51	499.38	554.51
March ...	471.52	444.31	436.81	457.26	412.08	475.94	507.20	587.74
April ...	471.29	441.45	445.42	457.69	413.91	478.16	506.05	560.28
May	469.59	448.22	436.80	454.86	417.15	466.57	505.61	556.84
June	476.11	442.90	437.22	454.44	417.58	469.11	504.88	551.27
July	464.61	441.73	430.73	438.95	414.53	481.77	498.37	578.58
August ..	468.51	433.08	440.77	448.62	420.86	475.15	504.88	535.94
September	467.42	435.78	446.47	457.13	423.91	482.46	515.83	562.86

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CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed		Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate				Total Unemployed	Unemployment Rate
	AKRON[b]					CANTON[c]			
1973	287.1	274.9	12.2	4.3	1973	171.2	163.1	8.1	4.7
1974	290.8	277.7	13.0	4.5	1974	175.6	167.5	8.1	4.6
1975	292.0	264.3	27.7	9.5	1975	174.7	158.0	16.7	9.6
1976	291.3	266.3	25.0	8.6	1976	174.4	158.6	15.8	9.1
1977	294.2	274.7	19.5	6.6	1977	175.9	163.1	12.9	7.3
1978	298.9	282.2	16.7	5.6	1978	179.9	170.0	9.9	5.5
1979	303.8	285.4	18.4	6.1	1979	184.3	173.7	10.6	5.7
1980	304.5	278.3	26.2	8.6	1980	187.7	170.9	16.8	8.9
1981	304.1	274.9	29.1	9.6	1981	188.4	170.1	18.2	9.7
1982	303.9	268.0	35.9	11.8	1982	191.4	164.3	27.0	14.1
1983	304.4	267.0	37.4	12.3	1983	188.4	160.7	27.6	14.7
1983					1983				
August	309.1	276.9	32.2	10.4	August	191.0	167.0	24.0	12.6
September	305.1	271.4	33.7	11.1	September	186.6	162.2	24.3	13.0
October	308.4	274.5	33.8	11.0	October	189.2	164.6	24.6	13.0
November	309.7	274.2	35.5	11.5	November	189.5	164.4	25.1	13.2
December	304.9	270.4	34.6	11.3	December	186.0	162.4	23.6	12.7
1984					1984				
January	297.5	264.3	33.2	11.2	January	182.3	159.8	22.5	12.3
February	298.6	263.8	34.8	11.6	February	180.7	158.9	21.9	12.1
March	297.9	262.4	35.5	11.9	March	181.7	158.7	23.0	12.6
April	300.3	268.4	31.9	10.6	April	182.6	162.1	20.5	11.2
May	305.5	274.5	31.1	10.2	May	185.6	164.8	20.9	11.2
June	306.9	277.9	29.0	9.5	June	188.1	169.2	18.9	10.1
July	315.7	288.9	26.9	8.5	July	191.7	174.4	17.2	9.0
August[p]	311.6	281.8	29.8	9.6	August[p]	189.3	170.7	18.6	9.8
	CINCINNATI[d]					CLEVELAND[e]			
1973	572.0	542.0	29.0	5.1	1973	883.9	849.0	34.9	3.9
1974	595.3	569.8	25.5	4.3	1974	899.1	861.4	37.7	4.2
1975	595.3	551.6	43.6	7.3	1975	896.9	826.3	70.6	7.9
1976	604.8	566.6	38.2	6.3	1976	897.7	834.4	63.3	7.0
1977	623.4	588.7	34.7	5.6	1977	908.5	854.4	54.0	5.9
1978	648.3	615.8	32.5	5.0	1978	921.7	878.5	43.2	4.7
1979	663.4	628.1	35.3	5.3	1979	935.8	889.1	46.7	5.0
1980	676.2	628.6	47.5	7.0	1980	937.1	869.1	68.0	7.3
1981	678.5	619.3	59.1	8.7	1981	933.9	854.0	79.8	8.5
1982	682.0	610.4	71.6	10.5	1982	933.4	833.2	100.2	10.7
1983	686.5	615.4	71.1	10.4	1983	930.7	824.7	105.9	11.4
1983					1983				
August	696.4	632.8	63.6	9.1	August	955.0	857.0	98.0	10.3
September	685.5	619.2	66.4	9.7	September	925.8	826.4	99.4	10.7
October	691.5	630.0	61.5	8.9	October	936.6	840.1	96.6	10.3
November	693.2	629.0	64.2	9.3	November	935.3	836.6	98.7	10.6
December	684.3	622.5	61.9	9.0	December	917.5	828.3	89.3	9.7
1984					1984				
January	679.0	616.0	62.9	9.3	January	899.5	815.9	83.7	9.3
February	670.2	611.3	58.9	8.8	February	887.4	806.6	80.8	9.1
March	672.1	612.2	59.9	8.9	March	890.2	802.3	87.9	9.9
April	683.0	624.9	58.1	8.5	April	896.6	813.7	83.0	9.3
May	695.0	635.0	60.0	8.6	May	913.9	825.6	88.3	9.7
June	709.9	651.7	58.2	8.2	June	932.7	850.5	82.2	8.8
July	718.1	661.6	56.4	7.9	July	955.0	876.6	78.4	8.2
August[p]	708.3	649.6	58.7	8.3	August[p]	937.7	853.6	84.2	9.0

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [b]Defined as Portage and Summit Counties. [c]Defined as Carroll and Stark Counties. [d]Defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; and Boone, Campbell, and Kenton Counties, Kentucky. [e]Defined as Cuyahoga, Geauga, Lake, and Medina Counties.
[p]Preliminary.

CIVILIAN LABOR FORCE ESTIMATES FOR MAJOR METROPOLITAN AREAS[a]
(In thousands)

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
COLUMBUS[f]				
1973	485.5	468.3	17.1	3.5
1974	495.4	475.5	19.9	4.0
1975	495.0	458.6	36.5	7.4
1976	503.6	468.5	35.1	7.0
1977	513.4	483.3	30.1	5.9
1978	531.4	506.5	24.9	4.7
1979	543.0	517.1	25.8	4.8
1980	554.7	523.4	31.4	5.7
1981	562.4	519.1	43.3	7.7
1982	567.4	516.4	51.0	9.0
1983	579.1	527.4	51.7	8.9
1983				
August	591.8	544.6	47.2	8.0
September	577.9	528.9	49.0	8.5
October	594.3	545.1	49.2	8.3
November	594.7	544.2	50.2	8.5
December	585.3	537.9	47.4	8.1
1984				
January	575.1	529.6	45.4	7.9
February	570.0	526.7	43.2	7.6
March	571.3	525.2	46.0	8.1
April	580.3	535.2	45.1	7.8
May	590.4	543.9	46.5	7.9
June	605.6	561.9	43.7	7.2
July	612.4	570.5	41.9	6.8
August[p]	600.7	557.6	43.0	7.2
TOLEDO[h]				
1973	339.8	324.2	15.6	4.6
1974	343.8	324.2	19.7	5.7
1975	344.8	310.2	34.6	10.0
1976	347.8	319.4	28.4	8.2
1977	355.0	329.4	25.6	7.2
1978	362.1	339.7	22.4	6.2
1979	368.2	341.7	26.4	7.2
1980	368.2	329.8	38.4	10.4
1981	367.4	328.0	39.4	10.7
1982	368.7	322.7	46.1	12.5
1983	374.2	326.9	47.2	12.6
1983				
August	379.2	335.1	44.1	11.6
September	374.8	331.9	42.9	11.5
October	380.0	338.3	41.7	11.0
November	381.3	337.5	43.8	11.5
December	372.5	331.9	40.5	10.9
1984				
January	366.1	327.4	38.6	10.6
February	365.7	327.7	38.0	10.4
March	367.3	327.8	39.5	10.8
April	371.8	335.7	36.1	9.7
May	378.2	342.1	36.1	9.5
June	384.7	345.8	38.9	10.1
July	390.3	352.1	38.2	9.8
August	INA	INA	INA	INA

Year and Month	Civilian Labor Force	Total Employed	Unemployed	
			Total Unemployed	Unemployment Rate
DAYTON[g]				
1973	358.0	343.5	14.5	4.1
1974	359.5	342.5	17.0	4.7
1975	357.6	327.7	29.9	8.4
1976	360.5	336.3	24.2	6.7
1977	368.6	348.3	20.3	5.5
1978	381.1	363.7	17.3	4.6
1979	392.2	367.9	24.2	6.2
1980	390.2	361.0	29.2	7.5
1981	390.8	357.9	32.8	8.4
1982	391.8	347.1	44.7	11.4
1983	390.6	350.7	39.9	10.2
1983				
August	396.5	359.4	37.1	9.3
September	389.5	353.7	35.7	9.2
October	395.4	360.8	34.7	8.8
November	396.8	360.3	36.5	9.2
December	388.0	355.5	32.5	8.4
1984				
January	385.5	353.0	32.5	8.4
February	383.7	350.3	33.4	8.7
March	383.4	348.5	34.9	9.1
April	387.1	354.5	32.6	8.4
May	391.4	358.8	32.6	8.3
June	398.7	368.1	30.6	7.7
July	406.3	377.7	28.7	7.1
August[p]	399.1	368.9	30.3	7.6
YOUNGSTOWN-WARREN[i]				
1973	232.5	221.8	10.8	4.6
1974	236.7	223.7	13.0	5.5
1975	236.7	209.8	26.9	11.4
1976	234.2	210.5	23.7	10.1
1977	234.0	215.0	19.0	8.1
1978	235.2	217.5	17.7	7.5
1979	237.1	219.9	17.1	7.2
1980	238.9	210.5	28.4	11.9
1981	234.0	205.7	28.2	12.1
1982	237.0	190.3	46.6	19.7
1983	227.3	189.6	37.8	16.6
1983				
August	232.6	196.2	36.4	15.6
September	226.7	193.1	33.6	14.8
October	227.0	195.5	31.5	13.9
November	227.9	195.2	32.7	14.4
December	222.4	192.2	30.2	13.6
1984				
January	218.3	189.7	28.6	13.1
February	214.6	188.2	26.4	12.3
March	215.3	186.8	28.5	13.2
April	216.3	190.5	25.8	11.9
May	220.3	194.4	25.9	11.8
June	222.0	198.2	23.8	10.7
July	226.9	204.3	22.6	9.9
August[p]	226.7	198.8	27.8	12.3

[a]Estimated in cooperation with U.S. Department of Labor. Data not seasonally adjusted. Subtotals may not add to totals due to rounding. Rates computed from unrounded figures. [f]Defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. [g]Defined as Greene, Miami, Montgomery, and Preble Counties. [h]Defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. [i]Defined as Mahoning and Trumbull Counties. [p]Preliminary. INA—Information not available.

CIVILIAN LABOR FORCE ESTIMATES[a]
(not seasonally adjusted)

Year and Month	OHIO (in thousands)			Unemployment Rate	
	Civilian Labor Force	Total Employed	Total Unemployed	OHIO	U.S.
1973	4,621	4,423	198	4.3	4.9
1974	4,708	4,483	225	4.8	5.6
1975	4,721	4,292	429	9.1	8.5
1976	4,749	4,378	370	7.8	7.7
1977	4,830	4,518	312	6.5	7.1
1978	4,956	4,688	268	5.4	6.1
1979	5,056	4,758	298	5.9	5.8
1980	5,088	4,661	427	8.4	7.1
1981	5,098	4,606	492	9.6	7.6
1982	5,114	4,474	640	12.5	9.7
1983	5,110	4,488	622	12.2	9.6
1983					
September	5,108	4,541	567	11.1	8.8
October .	5,159	4,611	548	10.6	8.4
November.	5,146	4,582	564	11.0	8.1
December.	5,040	4,513	528	10.5	8.0
1984					
January .	4,964	4,452	512	10.3	8.8
February.	4,925	4,426	499	10.1	8.4
March ...	4,940	4,415	525	10.6	8.1
April ...	4,996	4,506	489	9.8	7.6
May	5,086	4,593	493	9.7	7.2
June	5,183	4,715	469	9.0	7.4
July	5,292	4,845	447	8.4	7.5
August ..	5,215	4,733	482	9.2	7.3
September	5,159	4,708	451	8.7	7.1

OHIO NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT[a]
(in thousands)

Year and Month	Total Nonagricultural	Manufacturing	Nonmanufacturing
1973	4,112.9	1,426.3	2,686.5
1974	4,169.4	1,416.6	2,752.8
1975	4,016.2	1,267.5	2,748.7
1976	4,094.5	1,295.3	2,799.3
1977	4,230.1	1,344.1	2,885.9
1978	4,394.8	1,377.2	3,017.6
1979	4,484.7	1,382.3	3,102.5
1980	4,367.4	1,264.3	3,103.0
1981	4,317.6	1,232.6	3,085.1
1982	4,124.2	1,099.9	3,024.4
1983	4,083.8	1,066.9	3,017.0
1983			
September	4,157.0	1,094.3	3,062.7
October .	4,170.0	1,099.1	3,070.9
November.	4,177.5	1,104.4	3,073.1
December.	4,176.1	1,101.9	3,074.2
1984			
January .	4,083.3	1,101.0	2,982.3
February.	4,095.2	1,108.2	2,987.0
March ...	4,120.3	1,113.2	3,007.1
April ...	4,162.8	1,114.7	3,048.1
May	4,200.0	1,117.7	3,082.3
June	4,220.4	1,121.5	3,098.9
July	4,174.9	1,117.1	3,057.9
August ..	4,176.3	1,120.1	3,056.2
September	4,229.3	1,126.5	3,102.7

OHIO NONMANUFACTURING WAGE AND SALARY EMPLOYMENT[a] (in thousands)

Year and Month	Mining	Construction	Transportation and Utilities	Wholesale Trade	Retail Trade	Finance, Insurance, Real Estate	Services	Government
1973	22.9	175.5	224.9	197.7	654.9	169.0	643.9	597.8
1974	24.2	172.3	227.8	205.7	668.1	171.9	669.7	613.1
1975	26.8	154.9	213.2	203.5	664.5	173.1	686.3	626.4
1976	28.2	154.2	213.7	208.4	682.4	177.0	709.2	632.2
1977	29.1	162.8	219.1	214.6	703.1	183.4	731.4	642.3
1978	29.0	176.6	225.0	226.0	730.4	191.1	772.1	667.5
1979	31.6	182.9	232.1	232.8	742.4	200.6	806.2	674.0
1980	30.7	167.4	223.1	230.6	726.6	203.8	830.9	689.9
1981	30.7	153.7	217.2	232.5	717.7	205.8	851.5	676.0
1982	30.3	134.6	206.8	226.0	703.4	206.4	857.3	659.6
1983	26.6	128.6	197.3	219.6	703.3	209.6	874.6	657.5
1983								
September	27.5	144.6	201.0	221.2	714.8	211.8	891.3	650.4
October .	27.5	145.0	200.7	221.5	709.6	211.5	888.8	666.3
November.	27.4	140.9	199.6	221.1	717.8	211.5	884.2	670.6
December.	27.1	130.9	200.2	221.3	730.4	212.1	880.7	671.5
1984								
January .	27.0	115.0	193.1	218.3	693.6	210.8	868.3	656.3
February.	26.7	111.8	193.1	217.9	682.4	210.3	875.0	669.9
March ...	27.2	114.5	193.8	218.9	688.6	210.7	882.2	671.2
April ...	27.4	123.6	196.0	220.2	704.1	211.8	894.4	670.5
May	27.9	131.5	198.4	221.6	715.4	212.6	902.3	672.7
June	28.2	138.8	200.1	223.2	721.9	214.8	912.1	659.8
July	28.3	144.0	200.1	223.6	718.6	215.6	906.4	621.2
August ..	28.1	145.0	200.7	223.6	720.4	215.7	905.5	617.2
September	28.1	145.0	201.1	224.1	723.3	215.0	911.8	654.3

[a]Estimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages computed from unrounded figures. All data exclude military personnel.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT, HOURS, AND EARNINGS IN MANUFACTURING IN OHIO[a]

Year and Month	Manufacturing Employment (in thousands)			Production Workers in Manufacturing		
	All Manufacturing	Durable Goods	Nondurable Goods	Production Workers (in thousands)	Aggregate Weekly Payroll (in millions)	Aggregate Weekly Hours (in millions)
1973	1,426.3	1,018.2	408.1	1,046.7	$210.8	44.3
1974	1,416.6	1,013.1	403.5	1,028.7	217.4	42.4
1975	1,267.5	892.4	375.1	897.8	201.5	36.2
1976	1,295.3	910.6	384.6	926.1	233.9	38.2
1977	1,344.1	945.2	398.9	958.0	271.2	40.2
1978	1,377.2	974.5	402.7	985.5	302.5	41.5
1979	1,382.3	980.5	401.8	979.0	318.5	40.6
1980	1,264.3	882.6	381.8	867.8	301.9	35.2
1981	1,232.6	860.4	372.2	847.7	330.4	34.7
1982	1,099.9	752.4	347.5	735.7	297.1	29.5
1983	1,066.9	723.6	343.3	721.7	315.7	29.9
1983						
September	1,094.3	740.8	353.5	749.0	335.5	31.5
October .	1,099.1	748.1	351.0	755.4	340.1	31.7
November.	1,104.4	752.9	351.4	761.9	348.7	32.4
December.	1,101.9	749.8	352.0	760.2	352.4	32.5
1984						
January .	1,101.0	750.4	350.5	758.6	349.5	32.2
February.	1,108.2	756.9	351.3	765.6	351.5	32.5
March ...	1,113.2	760.9	352.4	769.9	357.3	32.7
April ...	1,114.7	762.0	352.7	771.7	359.1	32.8
May	1,117.7	764.2	353.5	773.5	355.6	32.6
June	1,121.5	766.1	355.4	776.0	356.7	32.7
July	1,117.1	763.4	353.7	770.5	350.2	32.1
August ..	1,120.1	763.3	356.8	773.7	352.3	32.3
September	1,126.5	766.5	360.0	780.9	363.0	33.0

Year and Month	Production Workers Average Weekly Earnings			Production Workers Average Weekly Hours			Production Workers Average Hourly Earnings		
	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods	Manufacturing	Durable Goods	Nondurable Goods
1973	$201.35	$207.95	$185.89	42.3	42.7	41.4	$ 4.76	$ 4.87	$ 4.49
1974	211.36	216.94	196.17	41.2	41.4	40.7	5.13	5.24	4.82
1975	224.47	228.90	211.85	40.3	40.3	40.2	5.57	5.68	5.27
1976	252.54	258.75	235.00	41.2	41.4	41.3	6.10	6.25	5.69
1977	283.08	292.02	258.34	42.0	42.2	41.4	6.74	6.92	6.24
1978	306.91	316.83	279.30	42.1	42.3	41.5	7.29	7.49	6.73
1979	325.36	335.30	297.98	41.5	41.6	41.1	7.84	8.06	7.25
1980	347.94	358.57	319.99	40.6	40.7	40.2	8.57	8.81	7.96
1981	389.78	401.64	358.16	40.9	40.9	40.7	9.53	9.82	8.80
1982	403.81	414.80	378.95	40.1	40.0	40.4	10.07	10.37	9.38
1983	437.18	452.35	402.52	41.4	41.5	41.2	10.56	10.90	9.77
1983									
September	447.94	463.52	410.62	42.1	42.1	41.9	10.64	11.01	9.80
October .	450.24	468.68	408.78	42.0	42.3	41.5	10.72	11.08	9.85
November.	457.73	475.68	413.97	42.5	42.7	41.9	10.77	11.14	9.88
December.	463.52	483.15	419.05	42.8	43.1	42.2	10.83	11.21	9.93
1984									
January .	460.70	479.52	418.05	42.5	42.7	42.1	10.84	11.23	9.93
February.	459.19	478.67	414.24	42.4	42.7	41.8	10.83	11.21	9.91
March ...	464.10	484.50	417.32	42.5	42.8	41.9	10.92	11.32	9.96
April ...	465.38	483.79	420.26	42.5	42.7	41.9	10.95	11.33	10.03
May	459.73	477.99	413.17	42.1	42.3	41.4	10.92	11.30	9.98
June	459.73	478.41	414.59	42.1	42.3	41.5	10.92	11.31	9.99
July	454.53	472.63	412.00	41.7	41.9	41.2	10.90	11.28	10.00
August ..	455.36	474.60	412.82	41.7	42.0	41.2	10.92	11.30	10.02
September	464.88	483.65	421.10	42.3	42.5	41.9	10.99	11.38	10.05

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

EMPLOYMENT AND AVERAGE WEEKLY EARNINGS IN SELECTED MAJOR MANUFACTURING INDUSTRIES IN OHIO[a]

Year and Month	Stone, Clay and Glass Products	Primary Metal Industries	Fabricated Metal Products	Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment	Food and Kindred Products	Printing and Publishing	Rubber and Plastics Products
	EMPLOYMENT (in thousands)								
1973	73.3	173.3	175.2	219.9	134.1	167.2	76.4	67.7	109.8
1974	72.2	172.4	172.7	227.7	131.4	162.5	76.0	67.9	107.0
1975	65.0	151.5	150.9	207.7	112.3	140.8	73.5	64.8	94.8
1976	66.3	154.6	157.9	205.9	115.5	143.0	73.8	64.5	98.2
1977	67.1	157.7	166.5	210.7	120.9	151.8	74.4	65.4	107.4
1978	69.3	157.5	173.3	216.7	122.2	164.1	74.6	66.6	107.4
1979	69.7	158.9	175.5	223.6	117.6	165.8	74.4	67.6	106.7
1980	64.5	139.8	157.6	211.4	106.4	139.1	72.7	67.4	92.7
1981	61.0	138.3	154.9	204.2	101.9	136.9	69.2	66.1	89.0
1982	54.2	112.7	134.9	176.7	93.4	121.7	66.9	63.2	80.4
1983	52.7	104.5	130.9	153.1	90.2	131.6	64.5	62.3	82.4
1983									
September	54.8	107.4	134.6	154.8	91.5	134.8	69.5	62.6	85.6
October .	54.9	108.0	136.5	154.5	92.4	138.8	66.4	62.6	86.4
November.	55.0	109.8	137.8	155.3	92.4	139.9	65.2	62.8	87.4
December.	53.7	110.3	137.3	155.5	91.9	138.5	65.2	63.0	87.5
1984									
January .	52.9	110.6	137.7	156.6	91.8	138.4	64.5	62.8	87.9
February.	53.4	111.1	137.6	157.2	92.8	141.3	64.1	62.8	88.7
March ...	54.0	112.2	137.8	158.5	93.7	140.9	64.1	63.1	88.8
April ...	54.1	111.7	138.4	159.2	93.3	141.2	64.6	63.1	89.3
May	55.0	111.1	139.6	160.0	92.8	141.6	64.8	63.2	89.2
June	55.5	111.6	139.9	159.2	92.9	141.9	65.9	63.1	89.5
July	55.5	110.4	138.9	158.7	93.6	141.0	65.1	63.2	88.9
August ..	55.8	108.3	139.5	159.2	94.0	141.2	67.5	63.0	89.3
September	56.1	108.7	141.1	160.8	94.6	139.8	68.9	63.3	90.4
	AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS								
1973	$189.03	$228.72	$204.67	$208.80	$176.23	$241.01	$188.94	$203.06	$193.12
1974	194.21	246.03	213.62	219.05	184.61	244.91	204.89	211.14	199.92
1975	207.55	256.46	224.96	228.25	201.30	263.22	222.68	226.95	213.31
1976	232.40	294.58	256.68	253.31	221.54	302.89	242.92	252.20	237.30
1977	253.95	329.54	290.44	279.18	248.44	359.20	258.54	271.96	263.97
1978	274.81	366.24	307.23	306.16	268.45	389.66	281.15	285.18	282.73
1979	293.34	395.43	323.38	329.09	289.27	391.56	304.50	302.62	300.66
1980	315.43	422.01	349.34	352.77	316.31	414.83	329.85	320.92	323.61
1981	348.02	484.04	389.61	389.16	350.27	471.50	362.75	347.70	368.67
1982	376.88	480.54	398.77	392.63	366.56	506.99	386.04	358.45	381.11
1983	400.57	503.85	460.65	424.09	394.63	557.92	403.79	375.62	412.25
1983									
September	409.18	522.49	471.28	431.09	406.39	570.49	415.86	378.00	422.18
October .	412.17	514.18	479.45	436.31	408.04	581.79	396.89	384.94	425.87
November.	415.33	520.38	490.31	450.24	411.27	586.64	410.98	392.18	421.20
December.	421.16	525.79	505.52	463.54	415.17	588.60	420.30	393.97	422.61
1984									
January .	419.33	525.39	486.86	468.27	409.59	585.09	409.64	391.40	429.44
February.	417.08	540.99	485.57	468.07	420.51	565.46	411.04	391.30	423.36
March ...	417.49	538.90	482.08	467.18	416.66	602.94	416.79	386.45	425.97
April ...	420.93	540.58	486.06	468.93	420.21	593.18	424.27	388.22	424.45
May	416.90	537.63	477.70	462.87	420.24	582.56	416.75	384.29	415.16
June	423.26	540.18	479.76	462.01	412.70	591.40	425.00	380.00	418.28
July	419.98	530.01	462.45	459.43	412.70	587.80	418.47	379.33	413.14
August ..	422.24	528.30	458.16	455.28	419.43	599.86	417.78	379.71	414.26
September	422.89	538.88	464.94	465.86	425.80	624.26	429.34	390.39	418.58

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	4229.3	4176.3	4157.0	1.3	1.7
MANUFACTURING	1126.5	1120.1	1094.3	.6	2.9
Durable Goods[e]	766.5	763.3	740.8	.4	3.5
Lumber and wood products	16.1	16.2	14.8	- .5	8.6
Furniture and fixtures	13.3	13.2	13.7	1.2	- 2.8
Household furniture	5.7	5.5	6.3	2.6	- 9.4
Stone, clay, and glass products	56.1	55.8	54.8	.5	2.5
Glass and glassware, pressed or blown	14.1	13.8	14.2	2.2	- .4
Structural clay products	5.0	5.0	4.9	- .7	.5
Pottery and related products	5.9	5.9	5.8	- .1	2.1
Primary metal industries	108.7	108.3	107.4	.4	1.2
Blast furnace and basic steel products	51.3	51.9	53.0	- 1.1	- 3.3
Iron and steel foundries	22.3	21.9	21.0	1.7	6.0
Nonferrous rolling and drawing	19.1	18.6	18.8	2.6	1.7
Nonferrous foundries	9.5	9.4	8.6	1.3	10.4
Fabricated metal products	141.1	139.5	134.6	1.1	4.8
Cutlery, hand tools, and hardware	11.3	11.2	11.2	1.4	1.1
Plumbing and heating, except electric	5.0	5.0	4.5	- .3	12.8
Fabricated structural metal products	30.1	29.5	29.4	2.0	2.2
Screw machine products, bolts, etc.	8.9	8.9	8.6	- .7	2.7
Metal forgings and stampings	44.2	42.8	40.7	3.1	8.6
Machinery, except electrical	160.8	159.2	154.8	1.0	3.9
Construction and related machinery	15.5	15.6	17.3	- .8	- 10.5
Metalworking machinery	39.8	39.4	38.1	1.0	4.5
Special industry machinery	17.6	17.3	16.1	2.0	9.4
General industrial machinery	32.3	32.0	29.9	.7	7.9
Electric and electronic equipment	94.6	94.0	91.5	.6	3.4
Electrical industrial apparatus	19.6	19.1	18.5	2.4	5.9
Household appliances	17.0	17.4	16.7	- 1.8	2.3
Electric lighting and wiring equipment	18.3	18.2	18.4	.4	- .7
Communication equipment	10.4	10.4	10.3	.4	1.5
Transportation equipment	139.8	141.2	134.8	- 1.0	3.7
Motor vehicles and equipment	92.2	94.0	89.0	- 1.9	3.6
Aircraft and parts	39.4	39.1	37.6	.9	5.0
Instruments and related products	21.5	21.5	20.7	- .1	3.8
Measuring and controlling devices	12.4	12.5	12.1	- 1.0	2.6
Nondurable Goods[f]	360.0	356.8	353.5	.9	1.8
Food and kindred products	68.9	67.5	69.5	2.1	- .9
Meat products	10.7	10.8	10.6	- .3	1.4
Dairy products	10.3	10.5	10.6	- 2.2	- 2.7
Bakery products	10.0	10.3	10.0	- 2.9	- .6
Beverages	10.4	10.6	10.6	- 2.3	- 2.1
Textile mill products	4.5	4.6	4.6	- 1.1	- 1.6
Apparel and other textile products	17.8	17.4	16.8	2.1	5.6
Paper and allied products	36.2	35.8	35.3	1.0	2.6
Paper mills, except building paper	9.7	9.7	9.3	.1	4.5
Misc. converted paper products	11.7	11.5	11.6	1.6	1.0
Paperboard containers and boxes	11.8	11.6	11.6	1.4	1.9
Printing and publishing	63.3	63.0	62.6	.5	1.2
Newspapers	18.1	18.1	18.0	.2	.3
Commercial printing	23.3	22.9	23.1	1.4	.9
Chemicals and allied products	64.1	64.5	64.2	- .6	- .1
Industrial inorganic chemicals	11.7	11.7	11.4	- .3	2.5
Plastics materials and synthetics	8.6	8.7	8.9	- 1.8	- 3.2
Petroleum and coal products	10.0	9.8	9.7	1.4	2.8
Rubber and misc. plastics products	90.4	89.3	85.6	1.2	5.6
Tires and inner tubes	20.5	20.6	20.4	- .3	.7
Miscellaneous plastics products	49.1	47.9	45.1	2.5	8.8
Leather and leather products	4.7	4.7	5.0	- .6	- 6.7

See footnotes at end of table.

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$464.88	$455.36	$447.94	42.3	41.7	42.1	$10.99	$10.92	$10.64
Durable Goods[d]	483.65	474.60	463.52	42.5	42.0	42.1	11.38	11 30	11.01
Lumber and wood products	298.96	300.62	302.50	40.4	40.9	41.1	7.40	7.35	7.36
Furniture and fixtures	330.46	325.62	314.98	41.0	40.5	40.8	8.06	8.04	7.72
Household furniture	287.43	289.60	279.49	39.7	40.0	39.7	7.24	7.24	7.04
Stone, clay, and glass products	422.89	422.24	409.18	41.5	41.6	41.0	10.19	10.15	9.98
Glass and glassware, pressed or blown.	446.82	439.39	418.03	40.4	40.2	39.4	11.06	10.93	10.61
Structural clay products	327.75	316.47	311.17	42.4	41.1	41.6	7.73	7.70	7.48
Pottery and related products	320.07	317.80	323.51	37.7	37.3	37.4	8.49	8.52	8.65
Primary metal industries	538.88	528.30	522.49	42.1	41.5	41.9	12.80	12.73	12.47
Blast furnace and basic steel products	518.48	512.87	525.77	39.7	39.3	40.6	13.06	13.05	12.95
Iron and steel foundries	555.95	539.71	523.81	43.4	42.8	42.9	12.81	12.61	12.21
Nonferrous rolling and drawing	610.49	600.48	566.36	43.7	42.8	43.3	13.97	14.03	13.08
Nonferrous foundries	457.31	431.57	419.78	46.1	44.4	43.5	9.92	9.72	9.65
Fabricated metal products	464.94	458.16	471.28	42.0	41.5	43.0	11.07	11.04	10.96
Cutlery, hand tools, and hardware	456.95	470.49	490.99	39.7	40.7	42.4	11.51	11.56	11.58
Plumbing and heating, except electric.	377.81	379.85	350.24	40.8	40.8	39.8	9.26	9.31	8.80
Fabricated structural metal products	442.73	410.44	428.40	42.9	41.5	42.5	10.32	9.89	10.08
Screw machine products, bolts, etc.	412.16	381.41	396.86	42.8	41.1	41.6	9.63	9.28	9.54
Metal forgings and stampings	550.40	550.62	571.27	42.7	42.0	44.7	12.89	13.11	12.78
Machinery, except electrical	465.86	455.28	431.09	42.7	42.0	40.9	10.91	10.84	10.54
Construction and related machinery	408.98	398.11	437.38	39.9	39.3	40.2	10.25	10.13	10.88
Metalworking machinery	441.83	426.63	398.58	42.2	41.3	39.0	10.47	10.33	10.22
Special industry machinery	455.68	446.09	425.70	43.9	43.1	42.4	10.38	10.35	10.04
General industrial machinery	466.35	459.54	437.13	41.9	41.4	41.2	11.13	11.10	10.61
Electric and electronic equipment	425.80	419.43	406.39	41.3	41.0	41.3	10.31	10.23	9.84
Electrical industrial apparatus	414.17	409.12	373.12	41.5	41.2	39.4	9.98	9.93	9.47
Household appliances	422.14	426.22	407.43	39.9	40.4	40.5	10.58	10.55	10.06
Electric lighting and wiring equipment	419.61	413.30	397.52	41.3	40.8	41.8	10.16	10.13	9.51
Communication equipment	503.86	496.80	488.77	43.7	43.2	44.8	11.53	11.50	10.91
Transportation equipment	624.26	599.86	570.49	45.7	44.5	44.5	13.66	13.48	12.82
Motor vehicles and equipment	658.48	631.06	597.09	46.8	45.4	45.2	14.07	13.90	13.21
Aircraft and parts	552.08	527.92	505.41	43.3	42.2	42.4	12.75	12.51	11.92
Instruments and related products	315.59	315.19	312.73	40.1	40.1	40.3	7.87	7.86	7.76
Measuring and controlling devices	306.90	303.79	301.75	39.6	39.3	39.6	7.75	7.73	7.62
Nondurable Goods[e]	421.10	412.82	410.62	41.9	41.2	41.9	10.05	10.02	9.80
Food and kindred products	429.34	417.78	415.86	43.9	42.2	43.5	9.78	9.90	9.56
Meat products	423.20	387.09	392.51	43.9	41.4	41.1	9.64	9.35	9.55
Dairy products	426.82	418.39	406.00	43.2	43.0	43.1	9.88	9.73	9.42
Bakery products	460.90	447.17	420.84	41.9	40.8	40.7	11.00	10.96	10.34
Beverages	385.88	388.90	366.22	39.7	40.3	40.2	9.72	9.65	9.11
Textile mill products	334.94	329.26	299.62	41.3	40.8	41.1	8.11	8.07	7.29
Apparel and other textile products	246.24	245.21	241.67	38.0	37.9	38.3	6.48	6.47	6.31
Paper and allied products	454.80	445.56	436.70	43.9	43.3	44.2	10.36	10.29	9.88
Paper mills, except building paper	582.82	562.88	534.46	46.7	45.8	46.8	12.48	12.29	11.42
Misc. converted paper products	398.90	397.46	380.84	42.8	42.6	42.6	9.32	9.33	8.94
Paperboard containers and boxes	400.95	384.71	398.30	42.7	41.5	43.2	9.39	9.27	9.22
Printing and publishing	390.39	379.71	378.00	38.5	38.2	37.5	10.14	9.94	10.08
Newspapers	319.11	321.42	316.52	33.0	33.0	32.8	9.67	9.74	9.65
Commercial printing	410.23	391.95	400.53	40.9	40.2	39.0	10.03	9.75	10.27
Chemicals and allied products	481.90	468.86	459.95	41.4	40.7	41.7	11.64	11.52	11.03
Industrial inorganic chemicals	509.23	503.48	494.42	41.2	40.9	41.9	12.36	12.31	11.80
Plastics materials and synthetics	532.34	533.66	506.61	43.0	43.6	43.3	12.38	12.24	11.70
Petroleum and coal products	626.51	592.35	588.51	43.0	42.1	42.4	14.57	14.07	13.88
Rubber and misc. plastics products	418.58	414.26	422.18	42.8	42.1	43.3	9.78	9.84	9.75
Tires and inner tubes	604.22	611.86	575.85	46.3	46.6	45.2	13.05	13.13	12.74
Miscellaneous plastics products	400.26	392.76	407.73	42.4	41.3	43.1	9.44	9.51	9.46
Leather and leather products	196.48	226.50	210.92	38.3	42.1	38.7	5.13	5.38	5.45

See footnotes at end of table.

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN OHIO[a]
SEPTEMBER 1984 (Continued)

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
NONMANUFACTURING	3102.7	3056.2	3062.7	1.5	1.3
MINING	28.1	28.1	27.5	.2	2.1
Bituminous coal and lignite mining	11.9	11.7	11.7	1.8	1.5
CONSTRUCTION	145.0	145.0	144.6	.0	.3
General building contractors	36.6	36.5	35.3	.3	3.7
Heavy construction contractors	24.6	24.9	23.5	- 1.5	4.6
TRANSPORTATION AND PUBLIC UTILITIES	201.1	200.7	201.0	.2	.1
Railroad transportation	19.4	19.5	19.3	- .5	.5
Transportation, except railroads	90.4	89.5	88.2	.9	2.4
Trucking and warehousing	64.2	63.6	63.5	.8	1.0
Communication, electric, gas services	91.4	91.7	93.5	- .3	- 2.2
Communication	51.6	51.7	53.2	- .2	- 3.2
Electric, gas, and sanitary services	39.9	40.1	40.3	- .5	- 1.0
WHOLESALE TRADE	224.1	223.6	221.2	.2	1.3
Wholesale trade-durable goods	140.2	139.7	138.4	.4	1.3
Motor vehicles & automotive equipment	20.6	20.5	20.4	.4	1.2
Electrical goods	18.9	18.7	18.6	.7	1.2
Machinery, equipment, and supplies	58.6	58.5	57.8	.1	1.4
Wholesale trade-nondurable goods	83.8	83.9	82.7	- .1	1.3
Groceries and related products	26.6	26.5	25.9	.1	2.5
RETAIL TRADE	723.3	720.4	714.8	.4	1.2
General merchandise stores	112.0	110.2	109.8	1.7	2.0
Department stores	103.4	101.6	101.0	1.7	2.4
Food stores	120.0	119.1	118.1	.8	1.6
Automotive dealers & service stations	75.5	76.0	75.8	- .7	- .4
Apparel and accessory stores	33.4	33.2	33.6	.6	- .5
FINANCE, INSURANCE, AND REAL ESTATE	215.0	215.7	211.8	- .4	1.5
Banking	57.5	57.8	58.5	- .5	- 1.7
Credit agencies other than banks	32.5	32.6	31.6	- .1	2.9
Insurance carriers	59.5	59.7	59.3	- .4	.4
SERVICES	911.8	905.5	891.3	.7	2.3
Hotels and other lodging places	30.1	30.8	29.9	- 2.3	.6
Laundry, cleaning, & garment services	16.6	16.4	16.6	.9	- .1
Business services	138.2	138.0	130.9	.1	5.5
Health services	332.1	332.1	323.1	.0	2.8
Hospitals	178.8	179.0	176.8	- .1	1.1
GOVERNMENT	654.3	617.2	650.4	6.0	.6
Federal government	91.1	91.7	88.8	- .6	2.6
State government	137.4	123.7	135.5	11.1	1.4
State government, except education	69.9	70.5	69.9	- .8	.1
State government education[i]	67.5	53.3	65.7	26.7	2.7
Local government	425.8	401.8	426.1	6.0	- .1
Local government, except education	182.4	188.6	184.2	- 3.3	- 1.0
Local government education	243.4	213.2	241.9	14.1	.6

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes miscellaneous manufacturing. [f]Includes tobacco manufactures. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering educational programs (notably, the Ohio Department of Education).

Labor Market Information Division
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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN OHIO[a]
SEPTEMBER 1984 (Continued)

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
MINING	$505.91	$491.48	$462.41	44.3	44.0	43.5	$11.42	$11.17	$10.63
Bituminous coal and lignite mining	638.00	604.89	557.47	44.0	42.3	40.9	14.50	14.30	13.63
CONSTRUCTION	617.78	605.28	601.09	39.5	39.0	37.9	15.64	15.52	15.86
General building contractors	596.90	565.38	514.40	41.8	39.9	36.2	14.28	14.17	14.21
Heavy construction contractors	595.73	603.60	569.24	39.4	40.0	38.0	15.12	15.09	14.98
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Railroad transportation	.....	.....	.....	....	....	....	....	....	....
Transportation, except railroads	.....	.....	.....	....	....	....	....	....	....
Trucking and warehousing	449.24	439.30	447.28	36.2	35.6	36.1	12.41	12.34	12.39
Communication, electric, gas services	504.70	503.06	467.64	40.8	40.8	40.7	12.37	12.33	11.49
Communication	500.61	500.61	463.98	40.7	40.7	40.7	12.30	12.30	11.40
Electric, gas, and sanitary services	510.86	505.93	473.69	41.0	40.9	40.8	12.46	12.37	11.61
WHOLESALE TRADE	341.73	339.00	331.30	39.1	39.1	39.3	8.74	8.67	8.43
Wholesale trade-durable goods	337.73	334.51	325.96	39.5	39.4	39.8	8.55	8.49	8.19
Motor vehicles & automotive equipment	283.86	280.06	275.50	39.7	39.5	38.0	7.15	7.09	7.25
Electrical goods	280.12	282.37	271.74	37.2	37.4	37.9	7.53	7.55	7.17
Machinery, equipment, and supplies	380.35	376.99	366.21	39.6	39.6	40.6	9.62	9.52	9.02
Wholesale trade-nondurable goods	348.43	346.63	340.34	38.5	38.6	38.5	9.05	8.98	8.84
Groceries and related products	375.87	370.39	367.69	40.9	41.2	40.9	9.19	8.99	8.99
RETAIL TRADE[f]	160.34	160.52	161.32	29.1	29.4	29.6	5.51	5.46	5.45
General merchandise stores	164.59	165.14	167.40	30.2	30.3	31.0	5.45	5.45	5.40
Department stores	167.81	168.11	171.21	30.4	30.4	31.3	5.52	5.53	5.47
Food stores	204.52	205.58	220.82	29.9	30.1	31.5	6.84	6.83	7.01
Automotive dealers & service stations	225.16	225.16	215.26	36.2	36.2	36.3	6.22	6.22	5.93
Apparel and accessory stores	122.49	119.74	117.82	27.1	27.4	26.3	4.52	4.37	4.48
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	223.71	225.44	218.60	....	....	....	....	....	....
Credit agencies other than banks	222.13	220.51	211.32	....	....	....	....	....	....
Insurance carriers	300.80	298.85	290.68	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
Hotels and other lodging places	.....	.....	.....	....	....	....	....	....	....
Laundry, cleaning, & garment services	.....	.....	.....	....	....	....	....	....	....
Business services	.....	.....	.....	....	....	....	....	....	....
Health services	.....	.....	.....	....	....	....	....	....	....
Hospitals	293.05	290.98	285.76	33.8	33.6	34.1	8.67	8.66	8.38
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes miscellaneous manufacturing. [e]Includes tobacco manufactures. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN AKRON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	255.8	250.2	251.3	2.2	1.8
MANUFACTURING	68.0	67.4	66.0	.9	3.0
Durable Goods[e]	35.2	34.6	33.4	1.9	5.6
Stone, clay, and glass products	1.2	1.2	1.5	- 2.3	- 20.2
Fabricated metal products	13.2	12.7	12.4	3.8	6.2
Machinery, except electrical	9.2	9.3	8.9	- .6	3.7
Special industry machinery	1.5	1.5	1.4	- 1.3	7.6
Nondurable Goods[f]	32.7	32.8	32.6	- .2	.4
Food and kindred products	2.7	2.7	2.7	- .7	1.3
Chemicals and allied products	2.9	2.9	3.1	.9	- 6.7
Rubber and misc. plastics products	22.0	22.0	21.6	- .1	1.7
Tires and inner tubes	15.5	15.6	15.5	- .4	.1
NONMANUFACTURING[g]	187.8	182.8	185.3	2.7	1.3
CONSTRUCTION	8.1	8.2	8.0	- 1.9	1.3
TRANSPORTATION AND PUBLIC UTILITIES	12.7	12.6	12.7	.0	- .3
Communication, electric, gas services	5.3	5.3	5.5	- .2	- 3.3
WHOLESALE TRADE	11.7	11.7	11.8	- .2	- 1.2
RETAIL TRADE	46.7	46.3	46.1	.8	1.3
FINANCE, INSURANCE, AND REAL ESTATE	9.5	9.7	9.4	- 1.2	1.7
SERVICES	55.9	57.4	54.1	- 2.6	3.4
GOVERNMENT	42.5	36.1	42.6	17.7	- .2
State government (includes education)	15.0	10.2	14.8	46.8	1.6
Local government (includes education)	25.4	23.7	25.8	6.9	- 1.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN AKRON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$467.42	$468.51	$461.54	43.2	43.3	43.5	$10.82	$10.82	$10.61
Durable Goods[d]	479.81	476.01	469.97	43.5	43.0	43.8	11.03	11.07	10.73
Stone, clay, and glass products	389.57	400.06	404.34	41.4	42.2	41.9	9.41	9.48	9.65
Fabricated metal products	551.24	549.54	560.28	42.6	41.6	45.7	12.94	13.21	12.26
Machinery, except electrical	423.45	412.92	416.35	45.0	44.4	43.1	9.41	9.30	9.66
Special industry machinery	478.07	468.40	460.56	47.1	46.7	45.6	10.15	10.03	10.10
Nondurable Goods[e]	449.83	456.06	449.10	42.8	43.6	43.1	10.51	10.46	10.42
Food and kindred products	443.41	454.52	451.23	42.8	44.0	44.5	10.36	10.33	10.14
Chemicals and allied products	449.19	447.20	465.80	41.4	41.6	42.5	10.85	10.75	10.96
Rubber and misc. plastics products	473.27	488.70	471.43	43.7	45.0	44.1	10.83	10.86	10.69
Tires and inner tubes	658.24	673.93	618.31	48.4	49.3	46.7	13.60	13.67	13.24
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	574.08	564.93	558.67	36.8	36.4	36.3	15.60	15.52	15.14
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	512.07	512.07	476.35	40.9	40.9	41.1	12.52	12.52	11.59
WHOLESALE TRADE	322.74	332.05	297.20	39.6	40.2	38.9	8.15	8.26	7.64
RETAIL TRADE[f]	179.70	180.00	173.12	30.0	30.1	29.9	5.99	5.98	5.79
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Akron area is defined as Portage and Summit Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CANTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	149.3	148.0	146.1	.9	2.2
MANUFACTURING	46.0	45.7	44.6	.7	3.2
Durable Goods[e]	34.4	34.1	33.7	.7	2.2
Stone, clay, and glass products	1.6	1.6	1.7	- 1.2	- 4.5
Primary metal industries	11.4	11.4	10.8	- .2	5.2
Fabricated metal products	7.5	7.5	7.5	.8	.5
Fabricated structural metal products	1.7	1.7	1.9	.5	- 11.6
Metal forgings and stampings	2.6	2.6	2.3	1.6	15.3
Nondurable Goods[f]	11.6	11.5	10.9	.5	6.1
Food and kindred products	4.2	4.2	4.0	- 1.9	5.4
Rubber and misc. plastics products	2.8	2.9	2.6	- 1.7	9.1
NONMANUFACTURING[g]	103.3	102.3	101.5	1.0	1.7
CONSTRUCTION	5.4	5.4	4.9	1.4	10.8
TRANSPORTATION AND PUBLIC UTILITIES	5.9	5.9	6.0	.0	- 2.7
Communication, electric, gas services	2.7	2.7	2.8	- .7	- 3.8
WHOLESALE TRADE	7.6	7.6	7.3	.6	4.2
RETAIL TRADE	26.7	26.5	26.3	.8	1.5
FINANCE, INSURANCE, AND REAL ESTATE	6.8	6.7	6.5	.7	4.3
SERVICES	32.0	31.8	31.1	.6	3.0
GOVERNMENT	17.5	17.1	18.0	2.6	- 2.9
Local government (includes education)	14.7	14.3	15.2	2.9	- 3.2

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CANTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$435.78	$433.08	$442.27	40.5	40.1	40.8	$10.76	$10.80	$10.84
Durable Goods[d]	450.55	449.20	457.78	40.3	40.0	40.8	11.18	11.23	11.22
Stone, clay, and glass products	294.77	276.38	294.38	41.4	38.6	41.0	7.12	7.16	7.18
Primary metal industries	478.74	473.96	483.61	39.5	39.3	40.1	12.12	12.06	12.06
Fabricated metal products	494.43	519.06	520.42	41.1	42.2	41.7	12.03	12.30	12.48
Fabricated structural metal products	357.75	357.75	441.78	39.4	39.4	39.2	9.08	9.08	11.27
Metal forgings and stampings	612.92	663.75	641.58	43.5	45.4	44.4	14.09	14.62	14.45
Nondurable Goods[e]	390.99	382.30	394.97	41.2	40.2	41.1	9.49	9.51	9.61
Food and kindred products	409.49	382.54	425.39	41.7	39.6	41.1	.82	9.66	10.35
Rubber and misc. plastics products	451.86	445.01	424.02	43.7	43.5	44.4	10.34	10.23	9.55
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	576.56	588.55	553.94	36.7	37.8	35.6	15.71	15.57	15.56
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	514.19	517.09	477.10	41.3	41.6	41.2	12.45	12.43	11.58
WHOLESALE TRADE	320.11	327.73	318.57	36.5	36.7	37.0	8.77	8.93	8.61
RETAIL TRADE[f]	160.19	160.32	159.79	29.5	29.8	29.7	5.43	5.38	5.38
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Canton area is defined as Carroll and Stark Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CINCINNATI METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	590.9	588.2	580.8	.5	1.7
MANUFACTURING	143.3	146.0	141.4	- 1.9	1.3
Durable Goods[e]	76.8	79.7	76.0	- 3.6	1.1
Furniture and fixtures	1.9	2.0	2.2	- 4.3	- 13.0
Primary metal industries	2.2	2.2	1.8	.3	22.0
Fabricated metal products	12.0[h]	12.5	12.5	- 4.2	- 4.6
Fabricated structural metal products	3.7	3.6	4.0	2.7	- 5.7
Machinery, except electrical	19.0	19.0	18.5	- .1	3.0
Metalworking machinery	7.9	7.8	7.8	.9	1.7
General industrial machinery	3.4	3.6	3.3	- 3.6	2.4
Electric and electronic equipment	8.1	8.2	8.1	- .8	.9
Transportation equipment	23.0	25.4	22.8	- 9.7	.6
Motor vehicles and equipment	7.6	10.1	7.8	- 25.1	- 2.8
Nondurable Goods[f]	66.4	66.3	65.4	.2	1.5
Food and kindred products	14.6	14.7	14.6	- .9	- .1
Meat products	2.4	2.3	2.2	1.3	5.8
Bakery products	2.4	2.5	2.5	- 5.9	- 3.9
Beverages	4.2	4.3	4.3	- .5	- 1.1
Apparel and other textile products	3.9	3.8	4.0	1.7	- 2.0
Paper and allied products	6.2	6.1	6.0	.4	3.5
Printing and publishing	11.6	11.5	11.7	1.0	- .5
Chemicals and allied products	21.9	21.8	21.4	.3	2.4
Rubber and misc. plastics products	5.1	5.0	4.7	1.6	9.3
NONMANUFACTURING[g]	447.7	442.2	439.4	1.2	1.9
CONSTRUCTION	21.9	22.1	22.6	- 1.1	- 2.9
TRANSPORTATION AND PUBLIC UTILITIES	31.1	31.1	31.7	- .1	- 2.0
Communication, electric, gas services	13.9	14.1	14.8	- 1.0	- 5.9
WHOLESALE TRADE	36.4	36.3	36.0	.4	1.0
RETAIL TRADE	106.4	105.4	104.7	.9	1.6
FINANCE, INSURANCE, AND REAL ESTATE	33.9	33.8	32.9	.3	3.2
Banking	7.5	7.5	7.4	.2	1.8
Insurance carriers	11.5	11.4	11.0	.2	4.3
SERVICES	138.1	138.1	132.4	.0	4.3
GOVERNMENT	79.5	75.0	78.8	6.0	.9
Federal government	13.4	13.4	12.4	.2	8.4
State government (includes education)	16.7	16.2	16.7	3.6	.5
Local government	49.3	45.5	49.7	8.5	- .8
Local government, except education	21.7	21.8	22.2	- .5	- 2.2
Local government education	27.7	23.7	27.6	16.8	.4

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CINCINNATI METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$446.47	$440.77	$417.13	42.4	41.7	41.3	$10.53	10.57	$10.10
Durable Goods[d]	436.48	444.14	404.42	42.5	41.9	41.1	10.27	10.60	9.84
Furniture and fixtures	343.62	342.31	338.13	41.5	40.8	41.9	8.28	8.39	8.07
Primary metal industries	500.76	489.81	477.15	41.8	41.9	41.6	11.98	11.69	11.47
Fabricated metal products	395.43	370.80	383.88	41.8	39.7	42.0	9.46	9.34	9.14
Fabricated structural metal products	462.00	383.18	367.84	46.2	42.2	41.8	10.00	9.08	8.80
Machinery, except electrical	401.57	387.46	363.38	41.7	40.7	39.2	9.63	9.52	9.27
Metalworking machinery	439.36	435.49	389.76	41.1	40.7	38.1	10.69	10.70	10.23
General industrial machinery	361.58	342.94	340.98	40.4	39.6	40.4	8.95	8.66	8.44
Electric and electronic equipment	339.04	335.77	305.73	41.6	41.3	39.5	8.15	8.13	7.74
Transportation equipment	636.96	660.47	574.66	45.4	45.3	43.7	14.03	14.58	13.15
Motor vehicles and equipment	723.04	766.26	645.00	47.6	48.9	45.2	15.19	15.67	14.27
Nondurable Goods[e]	455.76	435.94	430.36	42.2	41.4	41.5	10.80	10.53	10.37
Food and kindred products	502.66	503.80	485.47	43.9	44.0	43.0	11.45	11.45	11.29
Meat products	432.90	431.42	402.94	45.0	44.8	41.2	9.62	9.63	9.78
Bakery products	493.81	482.03	447.98	43.7	43.0	43.2	11.30	11.21	10.37
Beverages	465.30	476.06	445.84	42.3	43.2	42.1	11.00	11.02	10.59
Apparel and other textile products	223.50	220.44	213.07	37.5	37.3	36.8	5.96	5.91	5.79
Paper and allied products	409.40	392.79	384.22	43.6	42.1	41.9	9.39	9.33	9.17
Printing and publishing	436.59	413.76	410.40	40.5	39.9	38.9	10.78	10.37	10.55
Chemicals and allied products	546.13	495.69	501.17	42.5	40.3	42.4	12.85	12.30	11.82
Rubber and misc. plastics products	357.94	353.53	350.51	44.3	43.7	44.2	8.08	8.09	7.93
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	547.06	554.30	562.87	39.3	38.6	37.4	13.92	14.36	15.05
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	478.67	483.55	443.98	39.3	39.7	39.5	12.18	12.18	11.24
WHOLESALE TRADE	369.98	363.37	343.08	41.2	40.6	39.8	8.98	8.95	8.62
RETAIL TRADE[f]	166.86	166.61	164.08	30.9	31.2	30.9	5.40	5.34	5.31
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	232.52	230.53	223.93	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cincinnati area is defined as Clermont, Hamilton, and Warren Counties, Ohio; Dearborn County, Indiana; Boone, Campbell, and Kenton Counties, Kentucky. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [R]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN CLEVELAND METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	833.6	831.4	834.9	.3	- .1
MANUFACTURING	210.2	208.9	209.9	.6	.2
Durable Goods[e]	145.6	144.1	145.8	1.1	- .1
Furniture and fixtures	2.0	1.9	2.1	5.0	- 5.1
Primary metal industries	23.4	23.4	25.0	- .1	- 6.3
Blast furnace and basic steel products	11.1	11.1	12.8	.0	- 13.1
Iron and steel foundries	5.9	5.8	5.9	1.3	1.0
Nonferrous foundries	2.4	2.5	2.6	- 2.0	- 5.8
Fabricated metal products	32.3	32.0	31.7	1.2	1.9
Fabricated structural metal products	3.9	3.8	3.8	1.0	2.2
Screw machine products, bolts, etc.	4.2	4.3	4.3	- 1.3	- 2.6
Metal forgings and stampings	11.2	10.9	10.8	3.3	4.0
Machinery, except electrical	32.2	31.9	30.9	.8	4.3
Construction and related machinery	4.4	4.5	5.4	- 2.2	- 18.0
Metalworking machinery	10.4	10.3	10.0	.7	4.4
Special industry machinery	3.4	3.3	2.9	2.7	18.4
General industrial machinery	2.9	2.9	2.6	.6	8.4
Electric and electronic equipment	22.2	22.0	22.2	.9	.0
Electrical industrial apparatus	7.6	7.4	7.3	2.4	3.6
Transportation equipment	19.6	18.9	20.4	3.2	- 4.1
Motor vehicles and equipment	13.0	12.5	13.9	4.0	- 6.9
Instruments and related products	5.9	6.0	5.7	- .4	3.3
Nondurable Goods[f]	64.6	64.8	64.1	- .3	.7
Food and kindred products	7.4	7.5	7.8	- 1.3	- 5.3
Bakery products	1.7	1.7	1.8	- .9	- 4.8
Beverages	1.4	1.5	1.7	- 12.2	- 18.6
Apparel and other textile products	5.2	5.1	4.9	1.6	4.9
Paper and allied products	5.2	5.1	4.8	1.3	7.6
Printing and publishing	15.4	15.3	14.8	.3	3.6
Chemicals and allied products	14.2	14.4	14.5	- 1.7	- 2.0
Industrial inorganic chemicals	3.3	3.3	3 3	- 1.2	- 2.7
Rubber and misc. plastics products	11.3	11.2	11.3	.5	- .4
NONMANUFACTURING[g]	623.4	622.5	625.0	.1	- .2
CONSTRUCTION	25.6	25.8	27.9	- .7	- 7.9
TRANSPORTATION AND PUBLIC UTILITIES	42.0	41.9	42.0	.3	.2
Communication, electric, gas services	19.7	19.7	20.1	.3	- 1.7
WHOLESALE TRADE	57.7	57.8	58.2	- .1	- .9
RETAIL TRADE	135.9	134.8	135.8	.8	.1
FINANCE, INSURANCE, AND REAL ESTATE	48.1	48.4	49.3	- .5	- 2.4
Banking	12.7	12.6	13.4	.2	- 5.5
Insurance carriers	11.6	11.6	12.3	- .2	- 5.4
SERVICES	202.1	200.7	197.7	.7	2.2
GOVERNMENT	110.5	111.9	112.9	- 1.2	- 2.1
Federal government	19.4	19.5	19.3	- .4	.6
State government (includes education)	7.4	7.4	7.3	.6	1.8
Local government	83.6	84.9	86.2	- 1.6	- 3.1
Local government, except education	43.4	47.4	45.2	- 8.4	- 3.9
Local government education	40.2	37.5	41.1	7.1	- 2.2

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN CLEVELAND METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	...	...	...	...	...	...	...	...	...
MANUFACTURING	$457.13	$448.62	$440.77	41.9	41.5	41.7	$10.91	$10.81	$10.57
Durable Goods[d]	487.48	477.12	468.57	42.5	42.0	42.1	11.47	11.36	11.13
Furniture and fixtures	352.41	351.02	322.78	40.6	41.2	39.8	8.68	8.52	8.11
Primary metal industries	553.37	545.26	541.40	42.6	42.4	42.9	12.99	12.86	12.62
Blast furnace and basic steel products	488.26	488.26	511.04	37.3	37.3	39.1	13.09	13.09	13.07
Iron and steel foundries	777.15	750.68	690.49	49.5	49.0	47.1	15.70	15.32	14.66
Nonferrous foundries	379.75	347.13	351.60	43.4	40.6	40.6	8.75	8.55	8.66
Fabricated metal products	456.71	466.32	450.05	41.9	42.9	42.1	10.90	10.87	10.69
Fabricated structural metal products	360.00	382.20	359.20	40.0	42.0	40.0	9.00	9.10	8.98
Screw machine products, bolts, etc.	431.21	408.65	433.15	44.5	43.8	42.3	9.69	9.33	10.24
Metal forgings and stampings	567.96	589.16	562.61	42.8	44.0	44.3	13.27	13.39	12.70
Machinery, except electrical	448.51	439.27	433.61	41.8	40.9	40.6	10.73	10.74	10.68
Construction and related machinery	467.64	439.57	510.05	40.7	38.9	41.4	11.49	11.30	12.32
Metalworking machinery	400.39	389.67	410.10	40.2	39.4	39.7	9.96	9.89	10.33
Special industry machinery	455.04	453.13	469.06	39.5	39.3	41.4	11.52	11.53	11.33
General industrial machinery	416.50	401.44	402.62	42.5	41.6	41.0	9.80	9.65	9.82
Electric and electronic equipment	418.82	405.42	392.35	40.9	40.3	40.2	10.24	10.06	9.76
Electrical industrial apparatus	446.65	428.86	357.75	41.9	41.0	36.1	10.66	10.46	9.91
Transportation equipment	655.67	617.31	585.90	46.7	44.7	45.0	14.04	13.81	13.02
Motor vehicles and equipment	723.17	676.37	625.18	48.6	46.2	45.7	14.88	14.64	13.68
Instruments and related products	364.75	362.20	361.38	40.8	40.2	41.3	8.94	9.01	8.75
Nondurable Goods[e]	381.64	374.13	370.37	40.6	40.1	40.7	9.40	9.33	9.10
Food and kindred products	405.98	391.35	393.87	42.6	41.5	41.2	9.53	9.43	9.56
Bakery products	491.28	444.42	413.34	46.7	43.4	41.5	10.52	10.24	9.96
Beverages	320.72	340.75	344.40	40.7	39.9	41.0	7.88	8.54	8.40
Apparel and other textile products	273.35	264.83	271.04	38.5	37.3	38.5	7.10	7.10	7.04
Paper and allied products	424.15	415.11	428.50	42.8	42.1	45.2	9.91	9.86	9.48
Printing and publishing	372.69	364.25	356.85	36.9	36.1	35.9	10.10	10.09	9.94
Chemicals and allied products	479.09	468.72	457.69	42.7	42.0	42.3	11.22	11.16	10.82
Industrial inorganic chemicals	527.98	516.43	498.62	43.1	42.4	42.4	12.25	12.18	11.76
Rubber and misc. plastics products	346.50	330.81	338.77	42.0	41.3	43.1	8.25	8.01	7.86
NONMANUFACTURING	...	...	...	...	...	...	...	...	...
CONSTRUCTION	795.16	775.06	739.09	40.2	40.2	39.8	19.78	19.28	18.57
TRANSPORTATION AND PUBLIC UTILITIES	...	...	...	...	...	...	...	...	...
Communication, electric, gas services	540.05	536.36	494.51	41.1	41.1	40.6	13.14	13.05	12.18
WHOLESALE TRADE	353.99	348.88	338.04	38.9	39.2	38.9	9.10	8.90	8.69
RETAIL TRADE[f]	180.22	179.00	171.96	29.4	29.2	28.9	6.13	6.13	5.95
FINANCE, INSURANCE, AND REAL ESTATE	...	...	...	...	...	...	...	...	...
Banking	252.62	257.14	247.28	...	...	...	...	...	...
Insurance carriers	...	...	...	...	...	...	...	...	...
SERVICES	...	...	...	...	...	...	...	...	...
GOVERNMENT	...	...	...	...	...	...	...	...	...
Federal government	...	...	...	...	...	...	...	...	...
State government (includes education)	...	...	...	...	...	...	...	...	...
Local government	...	...	...	...	...	...	...	...	...
Local government, except education	...	...	...	...	...	...	...	...	...
Local government education	...	...	...	...	...	...	...	...	...

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Cleveland area is defined as Cuyahoga, Geauga, Lake, and Medina Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN COLUMBUS METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	518.4	513.8	504.9	.9	2.7
MANUFACTURING	89.4	88.7	85.3	.7	4.7
Durable Goods[e]	58.3	57.6	54.6	1.2	6.8
Stone, clay, and glass products	9.7	9.6	9.5	1.7	2.7
Fabricated metal products	10.3	10.1	9.8	2.0	5.6
Machinery, except electrical	10.1	10.0	9.1	.3	10.8
Electric and electronic equipment	10.5	10.4	10.2	1.5	3.5
Transportation equipment	9.1	9.1	8.3	- .3	8.5
Nondurable Goods[f]	31.0	31.1	30.7	- .1	1.0
Food and kindred products	10.1	10.1	9.8	- .2	2.4
Printing and publishing	8.2	8.1	8.0	1.7	2.4
Chemicals and allied products	6.1	6.3	6.1	- 2.8	.4
Rubber and misc. plastics products	2.7	2.7	2.7	.6	.4
NONMANUFACTURING[g]	429.0	425.1	419.6	.9	2.3
CONSTRUCTION	17.7	17.6	17.1	1.0	3.5
TRANSPORTATION AND PUBLIC UTILITIES	23.8	23.7	23.0	.6	3.5
Communication, electric, gas services	11.1	11.1	11.0	- .1	1.3
WHOLESALE TRADE	28.2	28.3	27.5	- .1	2.8
RETAIL TRADE	98.6	98.2	95.2	.5	3.6
FINANCE, INSURANCE, AND REAL ESTATE	45.5	45.9	44.1	- .9	3.1
Banking	8.7	8.8	8.7	- 1.6	- .5
Insurance carriers	18.1	18.2	18.0	- .6	.5
SERVICES	116.6	116.3	113.4	.2	2.8
GOVERNMENT	98.0	94.6	98.7	3.5	- .7
Federal government	12.0	12.0	11.2	- .3	6.4
State government	44.5	43.7	44.9	1.9	- .8
State government, except education	27.3	27.3	27.9	- .3	- 2.1
State government education[i]	17.2	16.3	17.0	5.4	1.2
Local government	41.5	39.0	42.6	6.6	- 2.5
Local government, except education	17.4	18.0	17.9	- 3.1	- 2.6
Local government education	24.1	21.0	24.7	14.9	- 2.5

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes. [i]Includes State Universities, State Schools for Deaf and Blind, and the State Library. Excludes hospitals, the agricultural extension service, agricultural research centers, and departments coordinating and administering education programs (notably, the Ohio Department of Education).

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN COLUMBUS METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$423.91	$420.86	$410.45	40.8	40.9	40.8	$10.39	$10.29	$10.06
Durable Goods[d]	433.05	431.90	431.78	40.7	40.9	41.2	10.64	10.56	10.48
Stone, clay, and glass products	394.82	395.21	383.57	39.8	39.8	39.3	9.92	9.93	9.76
Fabricated metal products	472.43	486.42	519.09	39.7	40.3	42.1	11.90	12.07	12.33
Machinery, except electrical	410.11	401.23	377.81	41.3	40.9	40.8	9.93	9.81	9.26
Electric and electronic equipment	450.19	450.19	449.33	41.8	41.8	44.4	10.77	10.77	10.12
Transportation equipment	575.53	551.17	511.63	43.8	44.2	42.6	13.14	12.47	12.01
Nondurable Goods[e]	404.01	396.32	366.40	41.1	40.9	40.0	9.83	9.69	9.16
Food and kindred products	388.54	383.72	363.26	41.6	41.8	41.0	9.34	9.18	8.86
Printing and publishing	469.13	453.12	442.50	38.9	38.4	37.5	12.06	11.80	11.80
Chemicals and allied products	457.44	437.58	415.31	41.1	39.6	40.4	11.13	11.05	10.28
Rubber and misc. plastics products	330.67	356.06	310.75	43.0	45.3	43.1	7.69	7.86	7.21
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	504.14	515.81	490.10	38.9	39.8	37.7	12.96	12.96	13.00
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	521.83	520.49	479.49	40.8	40.6	40.6	12.79	12.82	11.81
WHOLESALE TRADE	296.51	288.12	300.65	39.8	39.2	39.3	7.45	7.35	7.65
RETAIL TRADE[f]	156.80	158.01	165.50	28.1	29.1	29.5	5.58	5.43	5.61
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
Banking	235.17	242.12	237.76	....	....	....	....	....	....
Insurance carriers	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government	.....	.....	.....	....	....	....	....	....	....
State government, except education	.....	.....	.....	....	....	....	....	....	....
State government education	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Columbus area is defined as Delaware, Fairfield, Franklin, Madison, and Pickaway Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

Labor Market Information Division
Ohio Bureau of Employment Services
Columbus 43216

NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN DAYTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	350.1	343.6	340.7	1.9	2.8
MANUFACTURING	92.7	91.6	88.6	1.2	4.6
Durable Goods[e]	64.4	63.6	61.2	1.3	5.2
Stone, clay, and glass products	2.1	2.1	2.0	- .7	4.9
Fabricated metal products	7.3	7.2	6.8	.5	7.4
Machinery, except electrical	29.8	29.4	28.5	1.5	4.7
Metalworking machinery	6.9	6.7	6.4	2.7	8.6
Electric and electronic equipment	5.2	5.1	4.9	2.0	5.9
Electrical industrial apparatus	3.0	2.9	2.8	1.9	5.1
Transportation equipment	13.8	13.5	13.3	2.0	4.2
Nondurable Goods[f]	28.2	28.0	27.3	.9	3.4
Food and kindred products	2.8	2.8	3.0	.1	- 5.0
Paper and allied products	5.9	5.8	5.2	.6	12.4
Printing and publishing	7.5	7.5	7.2	.2	3.6
Rubber and misc. plastics products	8.4	8.2	8.3	2.3	.7
NONMANUFACTURING[g]	257.4	252.0	252.1	2.2	2.1
CONSTRUCTION	10.2	10.3	10.3	- .5	- .4
TRANSPORTATION AND PUBLIC UTILITIES	13.1	13.0	12.9	.1	1.0
Communication, electric, gas services	5.6	5.7	5.9	- 1.3	- 6.0
WHOLESALE TRADE	17.1	17.0	16.7	.6	2.6
RETAIL TRADE	57.0	56.4	55.9	1.1	1.9
FINANCE, INSURANCE, AND REAL ESTATE	14.3	14.3	14.0	- .3	2.2
SERVICES	79.5	77.7	77.2	2.3	3.0
GOVERNMENT	66.0	63.0	64.9	4.8	1.6
Federal government	26.9	27.1	26.1	- .9	2.9
State government (includes education)	5.4	5.4	5.1	.5	6.4
Local government	33.7	30.5	33.7	10.6	.0
Local government, except education	13.1	13.3	13.1	- 1.5	.4
Local government education	20.6	17.1	20.6	20.0	- .3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN DAYTON METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$482.46	$475.15	$464.40	43.0	42.5	43.0	$11.22	$11.18	$10.80
Durable Goods[d]	492.42	483.32	465.70	43.5	43.0	43.2	11.32	11.24	10.78
Stone, clay, and glass products	377.17	395.85	406.83	40.6	41.4	40.4	9.29	9.32	10.07
Fabricated metal products	383.13	376.58	347.78	43.0	42.6	41.6	8.91	8.84	8.36
Machinery, except electrical	530.74	523.18	496.17	44.6	44.3	44.7	11.90	11.81	11.10
Metalworking machinery	514.48	503.06	465.41	46.1	45.9	43.7	11.16	10.96	10.65
Electric and electronic equipment	334.56	337.42	321.99	40.8	41.3	40.4	8.20	8.17	7.97
Electrical industrial apparatus	366.50	366.80	347.58	41.6	41.4	40.7	8.81	8.86	8.54
Transportation equipment	627.82	615.30	596.28	44.4	43.7	44.3	14.14	14.08	13.46
Nondurable Goods[e]	461.16	456.37	458.77	42.0	41.3	42.4	10.98	11.05	10.82
Food and kindred products	437.25	395.22	356.00	44.8	42.0	39.6	9.76	9.41	8.99
Paper and allied products	407.60	416.21	403.99	43.5	43.4	43.3	9.37	9.59	9.33
Printing and publishing	435.60	428.97	409.32	40.0	39.5	37.9	10.89	10.86	10.80
Rubber and misc. plastics products	571.05	568.06	591.78	42.3	41.8	44.9	13.50	13.59	13.18
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	542.54	535.00	546.93	39.4	39.6	38.9	13.77	13.51	14.06
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	501.77	501.82	466.32	40.4	40.6	40.2	12.42	12.36	11.60
WHOLESALE TRADE	367.61	363.79	350.24	42.4	42.4	42.3	8.67	8.58	8.28
RETAIL TRADE[f]	160.02	159.35	160.38	29.2	29.4	29.7	5.48	5.42	5.40
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Federal government	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Dayton area is defined as Greene, Miami, Montgomery, and Preble Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; primary metal industries; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN TOLEDO METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	295.5	287.7	287.3	2.7	2.8
MANUFACTURING	77.1	75.7	72.7	1.8	6.0
Durable Goods[e]	59.7	59.4	55.7	.4	7.2
Stone, clay, and glass products	11.4	11.3	11.3	.5	.7
Primary metal industries	4.2	4.0	3.8	5.9	10.1
Fabricated metal products	8.6	8.7	7.8	- 1.2	9.9
Metal forgings and stampings	4.0	4.0	3.7	- .6	7.7
Machinery, except electrical	6.5	6.5	6.0	- .8	8.1
General industrial machinery	1.6	1.5	1.6	1.6	.3
Transportation equipment	20.9	20.8	19.1	.2	9.3
Motor vehicles and equipment	19.6	19.6	17.9	.2	9.6
Nondurable Goods[f]	17.4	16.3	17.0	6.7	2.4
Food and kindred products	4.8	4.4	4.9	8.2	- 3.7
Rubber and misc. plastics products	4.4	4.1	3.7	7.8	20.8
NONMANUFACTURING[g]	218.4	211.9	214.6	3.0	1.7
CONSTRUCTION	10.8	10.4	10.4	3.5	3.2
TRANSPORTATION AND PUBLIC UTILITIES	17.9	17.8	17.7	.6	.8
Communication, electric, gas services	7.5	7.6	7.7	- .7	- 2.8
WHOLESALE TRADE	14.4	14.4	14.4	- .3	- .3
RETAIL TRADE	50.2	50.2	49.8	.0	.8
FINANCE, INSURANCE, AND REAL ESTATE	11.0	11.0	10.7	- .1	2.7
SERVICES	66.6	66.4	64.8	.3	2.7
GOVERNMENT	47.1	41.2	46.2	14.2	1.8
State government (includes education)	14.1	11.2	14.1	25.5	- .1
Local government	30.2	27.2	29.4	11.0	2.7
Local government, except education	12.7	13.0	12.2	- 1.9	4.1
Local government education	17.5	14.2	17.2	22.8	1.7

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [f]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN TOLEDO METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$515.83	$504.88	$500.46	43.9	43.3	43.9	$11.75	$11.66	$11.40
Durable Goods[d]	545.13	531.52	525.67	44.5	44.0	44.1	12.25	12.08	11.92
Stone, clay, and glass products	509.25	507.50	509.52	43.6	43.6	43.4	11.68	11.64	11.74
Primary metal industries	535.80	501.96	488.43	47.5	45.1	45.1	11.28	11.13	10.83
Fabricated metal products	457.45	476.33	492.60	41.7	43.5	44.1	10.97	10.95	11.17
Metal forgings and stampings	522.65	517.83	538.02	42.7	42.1	44.1	12.24	12.30	12.20
Machinery, except electrical	443.92	421.65	438.13	41.8	40.7	41.1	10.62	10.36	10.66
General industrial machinery	466.62	453.47	504.11	42.0	41.3	41.8	11.11	10.98	12.06
Transportation equipment	671.61	640.59	607.94	46.9	45.4	45.2	14.32	14.11	13.45
Motor vehicles and equipment	674.92	643.83	606.14	47.0	45.5	45.1	14.36	14.15	13.44
Nondurable Goods[e]	411.88	403.10	413.66	41.9	40.8	43.0	9.83	9.88	9.62
Food and kindred products	437.14	442.85	467.03	44.2	42.5	47.9	9.89	10.42	9.75
Rubber and misc. plastics products	347.71	326.87	332.49	41.1	38.5	40.4	8.46	8.49	8.23
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	669.34	618.84	613.62	39.7	36.2	36.7	16.86	16.20	16.72
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	557.68	528.90	502.32	42.8	41.0	42.0	13.03	12.90	11.96
WHOLESALE TRADE	323.88	331.50	340.22	37.1	37.5	38.4	8.73	8.84	8.86
RETAIL TRADE[f]	160.72	161.55	164.35	28.7	28.9	29.4	5.60	5.59	5.59
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
State government (includes education)	.....	.....	.....	....	....	....	....	....	....
Local government	.....	.....	.....	....	....	....	....	....	....
Local government, except education	.....	.....	.....	....	....	....	....	....	....
Local government education	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U. S. Bureau of Labor Statistics. Toledo area is defined as Fulton, Lucas, Ottawa, and Wood Counties, Ohio; and Monroe County, Michigan. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; electric and electronic equipment; instruments and related products; miscellaneous manufacturing. [e]Includes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NONAGRICULTURAL WAGE AND SALARY EMPLOYMENT IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Employment (in thousands)			Percent Change From[d]	
	September 1984[b]	August 1984[c]	September 1983[c]	August 1984	September 1983
TOTAL	184.4	180.5	182.3	2.1	1.2
MANUFACTURING	55.2	54.5	55.2	1.3	- .1
Durable Goods[e]	49.7	49.0	50.0	1.4	- .6
Stone, clay, and glass products	1.9	1.8	1.9	3.5	- .1
Primary metal industries	22.3	21.6	23.0	3.1	- 2.9
Blast furnace and basic steel products	8.2	7.9	9.1	2.8	- 10.6
Fabricated metal products	8.6	8.5	8.0	.4	7.0
Fabricated structural metal products	2.1	2.1	1.8	- .6	14.5
Machinery, except electrical	3.9	3.8	3.7	.5	5.4
Metalworking machinery	1.5	1.5	1.5	1.1	.9
Electric and electronic equipment	2.8	2.8	2.6	.0	5.8
Transportation equipment	8.8	8.9	9.3	- 1.1	- 6.1
Nondurable Goods[f]	5.5	5.4	5.2	.3	5.0
NONMANUFACTURING[g]	129.2	126.0	127.0	2.5	1.7
CONSTRUCTION	5.5	5.5	5.4	- .2	.7
TRANSPORTATION AND PUBLIC UTILITIES	7.6	7.5	7.7	.9	- .6
Communication, electric, gas services	3.1	3.1	3.3	- .1	- 5.7
WHOLESALE TRADE	7.9	7.9	7.8	- .3	1.9
RETAIL TRADE	34.2	34.1	34.4	.3	- .6
FINANCE, INSURANCE, AND REAL ESTATE	7.4	7.4	7.2	- .6	2.0
SERVICES	41.4	40.7	40.3	1.6	2.6
GOVERNMENT	24.7	22.3	23.5	10.8	4.8
Local government (includes education)	19.6	17.3	18.6	13.4	5.3

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Based on March 1983 benchmark. Includes full and part-time wage and salaried workers employed during pay periods which include the 12th of the month. Excludes self-employed, domestics, and armed forces. Subtotals may not add to totals, because of rounding or exclusion of minor groups. [b]Preliminary. [c]Revised. [d]Based on unrounded figures. [e]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [f]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [g]Includes mining. [h]Depressed due to labor-management disputes.

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HOURS AND GROSS EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS IN YOUNGSTOWN-WARREN METROPOLITAN AREA[a]
SEPTEMBER 1984

Industry	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	September 1984[b]	August 1984[c]	September 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]	Sep. 1984[b]	Aug. 1984[c]	Sep. 1983[c]
TOTAL	.....	.....	.....	....	....	....	....	....	....
MANUFACTURING	$562.86	$535.34	$529.76	43.7	42.3	40.4	$12.88	$12.67	$12.40
Durable Goods[d]	579.92	552.93	541.44	43.9	42.5	42.7	13.21	13.01	12.66
Stone, clay, and glass products	377.15	374.13	359.60	39.7	39.1	40.0	9.50	9.57	8.99
Primary metal industries	589.16	574.90	548.77	42.6	41.3	41.7	13.83	13.92	13.16
Blast furnace and basic steel products	534.20	512.31	510.23	40.5	38.9	39.4	13.19	13.17	12.95
Fabricated metal products	578.12	551.04	604.60	43.5	42.0	45.0	13.29	13.12	13.44
Fabricated structural metal products	415.91	403.79	405.97	41.8	40.5	39.3	9.95	9.97	10.33
Machinery, except electrical	455.40	451.92	451.58	39.6	39.4	38.4	11.50	11.47	11.76
Metalworking machinery	445.68	452.23	468.18	39.9	41.0	40.5	11.17	11.03	11.56
Electric and electronic equipment	418.59	411.83	381.60	40.6	40.1	40.0	10.31	10.27	9.54
Transportation equipment	726.85	640.30	601.55	50.9	47.4	45.4	14.28	13.48	13.25
Nondurable Goods[e]	359.36	345.71	343.88	40.4	39.6	38.9	8.91	8.73	8.84
NONMANUFACTURING	.....	.....	.....	....	....	....	....	....	....
CONSTRUCTION	593.16	617.78	571.14	37.4	38.3	36.8	15.86	16.13	15.52
TRANSPORTATION AND PUBLIC UTILITIES	.....	.....	.....	....	....	....	....	....	....
Communication, electric, gas services	504.29	501.41	461.77	40.8	40.6	40.4	12.36	12.35	11.43
WHOLESALE TRADE	325.18	336.53	329.42	35.5	36.5	36.2	9.16	9.22	9.10
RETAIL TRADE[f]	169.35	169.04	167.27	29.3	29.5	29.5	5.78	5.73	5.67
FINANCE, INSURANCE, AND REAL ESTATE	.....	.....	.....	....	....	....	....	....	....
SERVICES	.....	.....	.....	....	....	....	....	....	....
GOVERNMENT	.....	.....	.....	....	....	....	....	....	....
Local government (includes education)	.....	.....	.....	....	....	....	....	....	....

[a]Estimated in cooperation with U.S. Bureau of Labor Statistics. Youngstown-Warren area is defined as Mahoning and Trumbull Counties. Data relate to full and part-time production workers in manufacturing (nonsupervisory employees in nonmanufacturing) employed during pay periods which include the 12th of the month. Average earnings are computed from gross payroll before tax and other deductions. Includes pay for overtime, incentive bonuses paid regularly, holidays, vacations, and sick leave. Excludes special bonuses, retroactive pay, and payments in kind. [b]Preliminary. [c]Revised. [d]Includes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. [e]Includes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and misc. plastics products; leather and leather products. [f]Money payments only, tips not included. [h]Low due to labor-management disputes during part of pay period.

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NOTES ON OHIO EMPLOYMENT, HOURS, AND EARNINGS ESTIMATES

Civilian Labor Force Estimates

Civilian Labor Force.—Estimated number of workers 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed.—Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Estimates of self-employed, domestics, and unpaid family workers based on data from U.S. Department of Labor and Bureau of the Census. Agricultural worker estimates derived from information supplied by U.S. Department of Agriculture. Estimates of workers involved in labor disputes based in part upon data from Federal Mediation and Conciliation Service. Employment distributed by place of residence.

Total Unemployed.—Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection.—Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Division of Research and Statistics of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification.—Employer establishments classified by industry on basis of their principal product or service. The Standard Industrial Classification Manual (U.S. Office of Management and Budget, Washington, D. C., 1972, amended 1977) used for classification.

Coverage.—Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 8,000 Ohio employers.

Coverage of Ohio Nonagricultural Employment Sample

Industry Division	Approximate Percentage Covered by Sample
Total	43
Manufacturing	62
Nonmanufacturing	35
Mining	63
Construction	24
Transportation and Public Utilities	47
Wholesale Trade	19
Retail Trade	18
Finance, Insurance, and Real Estate	47
Services and Miscellaneous	21
Government	68

Nonagricultural Employment.—Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method.—Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data.—Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law.

Hours and Earnings

Method of Computing Averages.—Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions.—Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers.—Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers.—Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll.—Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for social security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours.—Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

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